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L21 and (touch aDJ screen).ab.	4

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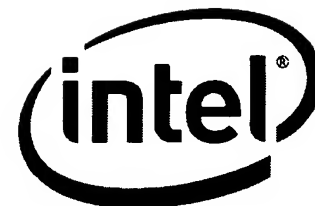
### Search History

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<i>DB=USPT; PLUR=NO; OP=OR</i>			
<u>L28</u>	L21 and (touch aDJ screen).ab.	4	<u>L28</u>
<u>L27</u>	L26 AND email	36	<u>L27</u>
<u>L26</u>	L25 AND (FAX OR PRINTER OR COPIER)	114	<u>L26</u>
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<u>L21</u>	(install ADJ software) Or (download ADJ software)	1734	<u>L21</u>
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<u>L19</u>	L9 AND email and printer	81	<u>L19</u>
<u>L18</u>	L17 and (email.ab. and install.ab.)	0	<u>L18</u>
<u>L17</u>	L9 AND email and (printer OR copier)	81	<u>L17</u>
<u>L16</u>	L13 AND ((install ADJ Software) OR (download ADJ software))	0	<u>L16</u>

<u>L15</u>	(((install ADJ software) or (download ADJ software)))NEAR email)	0	<u>L15</u>
<u>L14</u>	L13 and (((install ADJ software) or (download ADJ software)))NEAR email)	0	<u>L14</u>
<u>L13</u>	L12 AND email	13	<u>L13</u>
<u>L12</u>	L11 AND ((copy ADJ machine) Or (copier))	16	<u>L12</u>
<u>L11</u>	L10 AND (internet OR network)	404	<u>L11</u>
<u>L10</u>	L9 and software	427	<u>L10</u>
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<u>L8</u>	L7 AND download	2143	<u>L8</u>
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<u>L6</u>	L5 and @PY<2001	5	<u>L6</u>
<u>L5</u>	L4 AND fagan	32	<u>L5</u>
<u>L4</u>	xerox.as. AND touch	1249	<u>L4</u>
<u>L3</u>	L1 and download.ab.	1	<u>L3</u>
<u>L2</u>	L1 and update.ab.	0	<u>L2</u>
<u>L1</u>	(printer and firmware).ab.	32	<u>L1</u>

END OF SEARCH HISTORY



## Solution Brief

Unicenter\* Solutions

Intel® vPro™ Technology



# Unicenter\* Solutions and PCs with Intel® vPro™ Technology

<b>Company</b>	CA* (NYSE: CA), one of the world's largest information technology (IT) management software companies, unifies and simplifies the management of enterprise-wide IT. Founded in 1976, CA is headquartered in Islandia, N.Y., and serves customers in more than 140 countries.
<b>Business Challenge</b>	IT managers need an accurate, holistic view of their IT assets and infrastructure to be able to stay in compliance, reduce costs, and mitigate threats.
<b>Technology Solution</b>	CA Unicenter* solutions†
<b>Enhanced By</b>	PCs with Intel® vPro™ technology

### Improving IT efficiency with improved alerting, enhanced diagnostics, and automated problem resolution

CA has been working with Intel to enable CA Unicenter\* solutions to take advantage of the new hardware-based capabilities built into PCs with Intel® vPro™ technology. Information technology (IT) departments now have the ability to remotely inventory and manage PCs, even when an operating system (OS) is not functioning or the device is powered down. When using CA Unicenter solutions for PCs with Intel vPro technology, IT administrators will have unprecedented power for more effective platform management with reduced operating costs.

#### Today's challenges

One of the biggest issues in managing today's IT infrastructure is ensuring the availability and performance of critical business applications by proactively identifying problems with the underlying network, systems, databases, and applications. Traditionally, it hasn't been possible to access detailed use and health information for desktop hardware—such as events reported via SNMP (simple network management protocol) traps and component states—for systems that had hung or were powered down. Also, there was no secure and reliable mechanism to remotely power up, power down, reboot, or access detailed hardware information for devices.

### **The solution: CA Unicenter solutions and PCs with Intel vPro technology**

The first step in ensuring the availability of critical business applications is to inventory the applications, systems, and networks that make up the underlying IT infrastructure. CA Unicenter solutions are designed to meet this need by automatically discovering and classifying all systems with Intel vPro technology on the network. PCs with Intel vPro technology enhance this ability by allowing Unicenter solutions to communicate with systems regardless of their power or OS state.

IT now has greater visibility of the PCs in their network. With more accurate information, and with that data available in greater detail, Unicenter solutions can automate more IT processes such as problem resolution. System deployment can be more streamlined, IT intervention can be more efficient, and user uptime can be increased.

### **Remote provisioning for PCs**

To provision and secure a new PC on the network, an IT technician must first install the correct OS image, a step that is typically done manually. Using Unicenter solutions, IT technicians can now take advantage of the built-in capabilities of PCs with Intel vPro technology to remotely provision PCs.

For example, a company might buy 5,000 PCs with Intel vPro technology and have them shipped directly to the various departments where the systems will be needed. In this case, the IT administrator uses Unicenter solutions to discover the newly deployed PCs. Because PCs with Intel vPro technology include a communication channel that runs "outside" the OS and is always available to authorized IT administrators, these PCs can respond to the continuous discovery process, even before management agents are installed. These PCs also automatically store hardware asset information (such as component make and model, and BIOS version and settings) in nonvolatile memory, so this information is available anytime to an authorized IT technician.

Unicenter solutions can now automatically upload information about the motherboard, CPU, memory type, and BIOS to a central management console. This allows an IT technician to remotely determine the appropriate build for configuring the PC as soon as the system is plugged into the network. The technician can then push an image to the machine and install applications—all from the management console. Configuration is streamlined and manual intervention is reduced, which translates to a reduction in user downtime and in operational costs associated with the deployment of new PCs.

### **Powerful alerting and event management**

Unicenter solutions monitor infrastructures and automatically detect issues that may affect the availability and performance of applications. Events are correlated and the root causes of problems are identified. When possible, potential problems are automatically repaired or remediated before they affect end users. If the issue cannot be automatically resolved, trouble tickets are automatically created and alerts are sent to the appropriate technician, with the details of the problem included, to help resolve the issue more quickly.

PCs with Intel vPro technology enhance CA's powerful event-management solution by providing alerts and SNMP traps for hardware and software events—even if the PC is off or its OS is down. Using Unicenter solutions, IT technicians can now receive critical information about PC temperature, fan speed, case intrusions, hardware failures, OS lock-ups (blue screens), and other critical events. For example, a power supply voltage might be approaching a critical threshold. Or, a corrupt sector on a hard disk might be identified during a boot sequence. These events can now be identified even if a PC is down, and processed into the Unicenter Event Management Console to help IT administrators manage more issues without a costly deskside visit.

### **Automating resolution of software problems**

In the past, software problems, such as an error during a boot cycle, typically required that a technician make a deskside visit to run diagnostics locally (and, if necessary, remove the system to the service center for repair).

On PCs with Intel vPro technology, that process can now be automated. PCs with Intel vPro technology include built-in hardware-based capabilities that improve remote diagnostics and problem resolution. These include integrated device electronics redirection (IDE-R), console redirection through serial-over-LAN (SOL), remote power-up, proactive alerting, and persistent event logs. These capabilities are available to authorized IT technicians even if the PC is powered off or its OS is down.

When an alert is received, Unicenter solutions can now automatically upload the persistent event log from the PC's nonvolatile memory—even though the OS is down. Unicenter solutions can also automatically process the log and identify the problem. In this case, Unicenter solutions might identify that a bad sector on the hard drive is preventing the OS from booting. Using the PC's built-in IDE-R capability, Unicenter solutions can now remotely change the machine's boot device to a remote drive. This could be a remediation

drive where a utility can be triggered to run a checkdisk and fix the sector if necessary. The machine could then be automatically rebooted to a clean state, and the resolution logged. The user can be up and working again—without a technician's intervention.

### **Streamlining repairs for hardware problems**

When Unicenter solutions are used for PCs with Intel vPro technology, repairs can be streamlined even when the problem is a hardware failure. For example, the system might fail to boot because a memory module is corrupted. When the boot cycle fails, the SNMP trap for this condition is sent to the management command center within Unicenter solutions, even though the OS never fully launches. Unicenter solutions process the trap, remotely query the machine for its hardware inventory, and automatically open a trouble ticket. The IT technician now knows exactly what the problem is, and that they should order a specific type of memory to resolve the problem. Only one deskside visit could now be needed: to install the new memory in the PC.

### **Subscribing and unsubscribing through trap management**

In a large or complex business environment, IT might use multiple management consoles. Groups of PCs are usually assigned to one or another management console (or IT technician), and those systems' SNMP traps are directed to their particular console for management. As personnel or groups change, or as PCs are added to the network, management of a particular PC or group of PCs may need to be shifted from one console to another.

By taking advantage of the remote communication capabilities in PCs with Intel vPro technology, Unicenter solutions can now direct PCs to unsubscribe from one console and subscribe to another, even if the machines do not yet have a management agent installed. For IT administrators, this means fewer deskside visits to change configuration settings and less interference with user productivity.

### **Improving patch management**

Automated patch management is critical to today's businesses. However, it is very difficult to deliver patches to PCs that are powered down or inoperable.

The combination of Unicenter solutions and the remote power-up capability in PCs with Intel vPro technology allows IT administrators to proactively manage patches and software updates. IT administrators can now automate the collection, analysis, and delivery of patches across the enterprise. This can significantly decrease the costs involved in delivering patches.

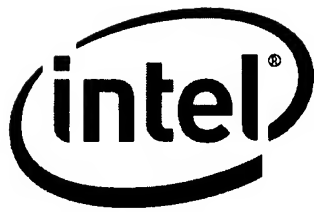
For example, a system problem might lock up the OS at the moment that CA's Patch Management solution is trying to send a security patch to a PC. In this case, IT can use the remote management capabilities of PCs with Intel vPro technology to get remote diagnostics for the problem, even though the OS is no longer available. If the OS needs to be reinstalled, the technician can remotely reinstall the Windows\* OS from the management console. The technician can then restore the unique personality of the desktop, such as bookmarks and screen savers, and restore software applications, based on corporate policies. The proper service packs and antivirus software can then be deployed.

### **Summary**

PCs with Intel vPro technology deliver powerful, new hardware-based capabilities that enhance the management of network devices. Unicenter solutions are taking full advantage of these capabilities to improve inventory, configuration, maintenance, and repair of PCs, regardless of the health and power state of the system. The combination of CA Unicenter solutions and PCs with Intel vPro technology can help reduce the amount of IT intervention required to manage a network, and can increase user uptime, and reduce the cost of owning and managing PCs.

### **SOLUTION BENEFITS**

- Improved diagnostics and automated problem resolution through remote boot and SOL capabilities
- Remote communication with PCs, regardless of PC power state or the health of the OS
- Improved hardware-event management for more proactive, remote management of PCs
- Enhanced inventory of PCs that are powered off or inoperable



**For more information**

PCs with Intel vPro technology give IT administrators critical, hardware-based security and manageability capabilities not available in software-only solutions. When provisioned with third-party software, these PCs make it easier for IT to manage and secure desktop systems directly from the IT console, regardless of PC power state or the health of the OS.<sup>2</sup>

**For more information about PCs with Intel vPro technology, visit**  
[www.intel.com/vpro](http://www.intel.com/vpro)

**For more information about CA Unicenter solutions, visit**  
[www.ca.com/nsm](http://www.ca.com/nsm)



<sup>1</sup> All content regarding CA Unicenter\* solutions was provided by CA.

<sup>2</sup> PCs with Intel® vPro™ technology include Intel® Active Management Technology (Intel® AMT). Intel AMT requires the computer to have an Intel AMT-enabled chipset, network hardware and software, connection with a power source, and a network connection.

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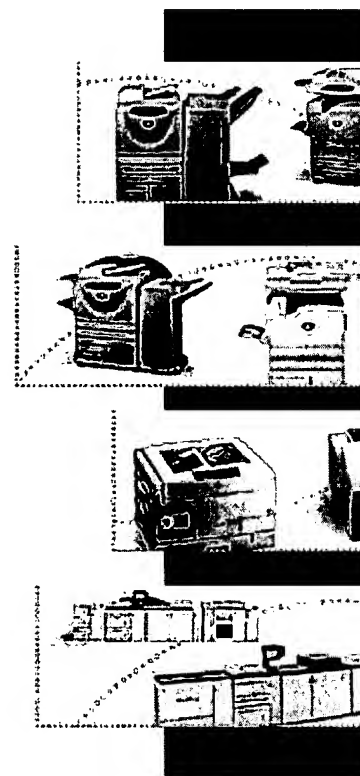
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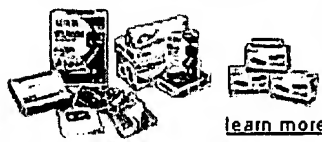


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Format: TXT

Date: 6/1/2007

Size: 10.4KB

Language: English

Note: Release 3.5.67

**CentreWare for Unicenter - User Guide**

Format: PDF

Date: 9/5/2006

Size: 276.4KB

Language: English (I

This document assumes that you have a working knowledge and familiarity with CA Unicenter NSM. Only procedures that differ from the normally expected operation of Unicenter NSM are described.

Note: Version 1.1.3

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## Patent Abstracts

File 347:JAPIO Dec 1976-2006/Dec(Updated 070403)

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File 350:Derwent WPIX 1963-2007/UD=200730

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Set Items Description

- S1 1355374 (IMAGE)FORMING OR COPY OR OUTPUT)(EQUIPMENT OR MACHINE?  
? OR DEVICE? ?) OR PRINTER? ? OR COPY? ? OR COPIER? ? OR PHOT-  
OCOP??? OR REPRODUC? OR DUPLICAT??? OR XEROGRAPH? OR XEROX???  
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- S2 3072169 REQUEST??? OR DEMAND??? OR ASK??? OR QUERY??? OR QUERIES OR  
INQUIR??? OR REQUISITION? ? OR CHOOS??? OR CHOICE? ? OR SELE-  
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- S3 105572 S2(3N)(UPDAT? OR UP(DAT??? OR CORRECT??? OR REVIS??? OR R-  
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NHANC??? OR EDIT?? OR CHANGE? ? OR MAINTENANCE OR SERVICE OR  
SERVICING OR DOWNLOAD? ? OR DIAGNOSTIC? ? ) .
- S4 546220 NETWORK? ? OR LAN OR WAN
- S5 1088 S1(3N)S3
- S6 216 S4 AND S5
- S7 32 S4(5N)S5
- S8 28 S7 NOT AY=2005:2007
- S9 3735389 NOTIFI? OR NOTIFY??? OR REPORT??? OR TELL??? OR INFORM? ? -  
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DISCLOS??? OR APPRIS??? OR COMMUNICATING OR EXPRESS? OR SPECI-  
FY???
- S10 94 S6 AND S9
- S11 56 S6(15N)S9
- S12 42 S6(5N)S9
- S13 87 S5(5N)S9
- S14 28 S13 AND S4
- S15 19 S14 NOT AY=2003:2007
- S16 15 S15 NOT S8
- S17 4 AU=(FENGLER, L? OR FENGLER L?)
- S18 11 AU=(BHATTI, K? OR BHATTI K?)
- S19 3 S17 AND S18
- ?

**8/3,K/1 (Item 1 from file: 347)**

DIALOG(R)File 347:JAPIO

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08639956 **\*\*Image available\*\***

NETWORK FACSIMILE MACHINE

PUB. NO.: 2006-033316 [JP 2006033316 A]

PUBLISHED: February 02, 2006 (20060202)

INVENTOR(s): AIHARA KATSUJI

APPLICANT(s): RICOH CO LTD

APPL. NO.: 2004-208182 [JP 2004208182]

FILED: July 15, 2004 (20040715)

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a **network facsimile** machine which automatically **selects** a communication **service** utilized, by searching a plurality of usable communication services, and selects a public line and

...

**8/3,K/2 (Item 2 from file: 347)**

DIALOG(R)File 347:JAPIO

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07822375 **\*\*Image available\*\***

NETWORK DEVICE, SETTING CHANGING METHOD, PROGRAM AND RECORDING MEDIUM

PUB. NO.: 2003-316672 [JP 2003316672 A]

PUBLISHED: November 07, 2003 (20031107)

INVENTOR(s): SATO YASUSHI

APPLICANT(s): CANON INC

APPL. NO.: 2002-124370 [JP 2002124370]

FILED: April 25, 2002 (20020425)

#### ABSTRACT

...using authentication information for permitting a setting change.

SOLUTION: In the case of receiving a **request** for a setting **change** for a **network printer** 104 from a host computer 102 or 103 on a network 101 and receiving a...

**8/3,K/3 (Item 3 from file: 347)**

DIALOG(R)File 347:JAPIO

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07656492 **\*\*Image available\*\***

PROGRAM AND MANAGEMENT DEVICE FOR NETWORK SYSTEM INCLUDING PRINTER

PUB. NO.: 2003-150350 [JP 2003150350 A]

PUBLISHED: May 23, 2003 (20030523)  
INVENTOR(s): NAKAJIMA AKIO  
MOTOSUGI TOSHIHISA  
KAWABATA KAZUYUKI  
MATSUMOTO KENICHI  
APPLICANT(s): MINOLTA CO LTD  
APPL. NO.: 2001-352625 [JP 2001352625]  
FILED: November 19, 2001 (20011119)

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a program for a **network** system including a **printer** and for **correctly selecting a printer** with the fastest print completion time as a transmitting destination.

SOLUTION: When a printer to...

8/3,K/4 (Item 4 from file: 347)

DIALOG(R)File 347:JAPIO

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07647013 \*\*Image available\*\*

NETWORK PRINT SYSTEM AND INFORMATION PROCESSING DEVICE

PUB. NO.: 2003-140867 [JP 2003140867 A]  
PUBLISHED: May 16, 2003 (20030516)  
INVENTOR(s): HIROSE HIDEKI  
APPLICANT(s): CANON INC  
APPL. NO.: 2001-340620 [JP 2001340620]  
FILED: November 06, 2001 (20011106)

#### ABSTRACT

... the operator whether the output device printer is to be changed or not.  
When the **change** is **selected** and a new **printer** is designated, the **network** server similarly requests the status information acquisition.

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8/3,K/5 (Item 5 from file: 347)

DIALOG(R)File 347:JAPIO

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07572944 \*\*Image available\*\*

IMAGE FORMING DEVICE

PUB. NO.: 2003-066785 [JP 2003066785 A]  
PUBLISHED: March 05, 2003 (20030305)  
INVENTOR(s): KAMATA YOSHIHISA  
YOKOBORI JUN  
TSUKAMOTO YASUMASA  
APPLICANT(s): KONICA CORP  
APPL. NO.: 2001-251732 [JP 2001251732]  
FILED: August 22, 2001 (20010822)

#### ABSTRACT

... of client image forming devices 3 are connected through a hub 4. Further, the main image forming device 1 receives a **diagnostic request** transmitted from the **diagnostic** device 2 via a **network** N and confirms the connecting situation of a corresponding client image forming device 3. In...

8/3,K/6 (Item 6 from file: 347)

DIALOG(R)File 347:JAPIO

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06956630 \*\*Image available\*\*

PRINT SYSTEM AND CALIBRATION METHOD

PUB. NO.: 2001-184182 [JP 2001184182 A]

PUBLISHED: July 06, 2001 (20010706)

INVENTOR(s): SATO YUKIMASA

APPLICANT(s): CANON INC

APPL. NO.: 11-371771 [JP 99371771]

FILED: December 27, 1999 (19991227)

#### ABSTRACT

... S301), the printer server selects a suitable printer among printers to be connected with a **network** (S302) and **requests color correction** information to the **selected printer** (S303). The color correction information is transmitted to the request from the printer (S304), a...

8/3,K/7 (Item 7 from file: 347)

DIALOG(R)File 347:JAPIO

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02897033 \*\*Image available\*\*

FACSIMILE COMMUNICATING SYSTEM

PUB. NO.: 01-194633 [JP 1194633 A]

PUBLISHED: August 04, 1989 (19890804)

INVENTOR(s): KODA AKIRA

APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 63-017204 [JP 8817204]

FILED: January 29, 1988 (19880129)

JOURNAL: Section: E, Section No. 841, Vol. 13, No. 490, Pg. 10,  
November 07, 1989 (19891107)

#### ABSTRACT

... to the telephone connecting terminal of a facsimile terminal connected to a subscribed telephone line **network**, and executing the **facsimile communication service request** from a code input terminal to center equipment with a data transferring procedure...

8/3,K/8 (Item 8 from file: 347)

DIALOG(R)File 347:JAPIO

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01894141 \*\*Image available\*\*  
NAME SERVICE SYSTEM

PUB. NO.: 61-108241 [JP 61108241 A]  
PUBLISHED: May 26, 1986 (19860526)  
INVENTOR(s): HIROKANE KAORU  
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 59-228919 [JP 84228919]  
FILED: November 01, 1984 (19841101)  
JOURNAL: Section: E, Section No. 442, Vol. 10, No. 289, Pg. 129, October 02, 1986 (19861002)

#### ABSTRACT

...CONSTITUTION: When the device name to a transmitted name **service request** is an **output device** 303 belonging to the other **network** 3, a name service device 201 retrieves an address table in a storage device, finds...

8/3,K/9 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0015675524 - Drawing available  
WPI ACC NO: 2006-239713/200625  
XRPX Acc No: N2006-205737

**Communication management system has service providers with security module to oversee secure storage and to authenticate recipient**  
Patent Assignee: BUCHANAN C L (BUCH-I); DALE A L (DALE-I); GUTHRIE P D (GUTH-I); TOLSON M (TOLS-I)  
Inventor: BUCHANAN C L; DALE A L; GUTHRIE P D; TOLSON M  
**Patent Family** (1 patents, 1 countries)

Patent Number	Application	Kind	Date	Number	Kind	Date	Update
US 20060059544	A1	20060316	US 2004610008	P	20040914	200625	B
			US 2004610098	P	20040914		
			US 2004943495	A	20040917		

Priority Applications (no., kind, date): US 2004610098 P 20040914; US 2004610008 P 20040914; US 2004943495 A 20040917

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20060059544	A1	EN	22	7	Related to Provisional	US 2004610008
					Related to Provisional	US 2004610098

#### Original Publication Data by Authority

#### Claims:

...permissions; and a secure viewer for displaying to the recipient a decrypted version of the **communication**, if permitted by the **permissions**, and for enforcing the **permissions**, which limit the recipient's ability to carry out activities with respect to the...

8/3,K/10 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0015651669 - Drawing available  
WPI ACC NO: 2006-215851/200623  
XRPX Acc No: N2006-185080

**Home network server in information reproduction system, transmits request for updated advertisement information, based on expiry date of received advertisement information**

Patent Assignee: TOSHIBA KK (TOKE)

Inventor: IMOJI K

**Patent Family** (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
JP 2006067161	A	20060309	JP 2004246299	A	20040826	200623 B

Priority Applications (no., kind, date): JP 2004246299 A 20040826

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
JP 2006067161	A	JA	16	11		

**Home network server in information reproduction system, transmits request for updated advertisement information, based on expiry date of received advertisement information**

8/3,K/11 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0014493214 - Drawing available  
WPI ACC NO: 2004-670689/200466  
XRPX Acc No: N2004-531458

**Printer connection administration method in network printing environment, involves incorporating received specified changes for set of printer connections, into printer sub-system of client machine**

Patent Assignee: MICROSOFT CORP (MICT)

Inventor: FENELON M P; KIRALY S; KIRALY S P; ROTH T

**Patent Family** (10 patents, 41 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
EP 1460530	A2	20040922	EP 20046267	A	20040316	200466 B
CA 2458177	A1	20040918	CA 2458177	A	20040220	200466 E
JP 2004280838	A	20041007	JP 200478868	A	20040318	200466 E
US 20040184070	A1	20040923	US 2003391252	A	20030318	200466 E
AU 2004200644	A1	20041007	AU 2004200644	A	20040218	200480 E
ZA 200401489	A	20041124	ZA 20041489	A	20040224	200481 E
CN 1530820	A	20040922	CN 200410030410	A	20040317	200503 E
BR 200400213	A	20041228	BR 2004213	A	20040315	200510 E
KR 2004082332	A	20040924	KR 200418052	A	20040317	200510 E
MX 2004002480	A1	20041201	MX 20042480	A	20040316	200561 E



Priority Applications (no., kind, date): US 2003391252 A 20030318

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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EP 1460530	A2	EN	27	12		
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Regional Designated States, Original: AL AT BE BG CH CY CZ DE DK EE ES FI

FR GB GR HU IE IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR

CA 2458177	A1	EN				
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JP 2004280838	A	JA	34			
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ZA 200401489	A	EN	54			
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BR 200400213	A	PT				
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**Printer connection administration method in network printing environment, involves incorporating received specified changes for set of printer connections, into printer sub-system of client machine**

8/3,K/12 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0014273733 - Drawing available

WPI ACC NO: 2004-460147/200443

XRPX Acc No: N2004-364472

**Scalable and intelligent network platform for distributed system, links**

**multiple endpoint machines to application server, to access network**

**drives or download copy of selected program to its local machine**

Patent Assignee: KAO M (KAOM-I); KUAYUE SCITECH CO LTD (KUAY-N); KUO F

(KUOF-I); KUO H (KUOH-I); LEE C (LEEC-I)

Inventor: GAO M; GUO F; GUO H; KAO M; KUO F; KUO H; LEE C; RI K

**Patent Family (2 patents, 2 countries)**

Patent	Application
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Number	Kind	Date	Number	Kind	Date	Update
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US 20040107244	A1	20040603	US 2002308349	A	20021202	200443 B
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JP 2005128644	A	20050519	JP 2003360955	A	20031021	200535 NCE
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Priority Applications (no., kind, date): JP 2003360955 A 20031021; US

2002308349 A 20021202

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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US 20040107244	A1	EN	10	6		
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JP 2005128644	A	JA	8			
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**...intelligent network platform for distributed system, links multiple endpoint machines to application server, to access network drives or download copy of selected program to its local machine**

...The platform links multiple endpoint machines to application server (10) through conversion unit, to access network drives or download a copy of selected program to its local machine.

8/3,K/13 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0014236568 - Drawing available  
WPI ACC NO: 2004-422535/200440  
XRPX Acc No: N2004-335193

**Printing device for attaining distributed printing, has printer changing specified number of copies to one copy as modified job, distributing job to alternative printers and managing total number distributed and printed by itself**

Patent Assignee: SEIKO EPSON CORP (SHIH); SHIMA T (SHIM-I)  
Inventor: SHIMA T

**Patent Family (4 patents, 33 countries)**

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 1424627	A2	20040602	EP 200326727	A	20031121	200440 B
JP 2004181647	A	20040702	JP 2002347961	A	20021129	200443 E
US 20040158654	A1	20040812	US 2003723231	A	20031125	200454 E
JP 2004258830	A	20040916	JP 200346739	A	20030225	200461 E

Priority Applications (no., kind, date): JP.2002347961 A 20021129; JP 200346739 A 20030225

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 1424627	A2	EN	40	18		
Regional Designated States,Original: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR						
JP 2004181647	A	JA	19			
JP 2004258830	A	JA	17			

...a number of copies to be printed and transmitted from a client connected to a **network**. The **printer changes the specified plural number of copies to one copy as a modified printed job and distributes the...**

8/3,K/14 (Item 6 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0013359816 - Drawing available  
WPI ACC NO: 2003-447894/200342  
XRPX Acc No: N2003-357208

**Black/white image conversion method for network printer, involves selecting document conversion service configured to process print format, so that gray scale or color values are eliminated**

Patent Assignee: FOSTER W S (FOST-I); SIMPSON S S (SIMP-I);  
HEWLETT-PACKARD DEV CO LP (HEWP)

Inventor: FOSTER W S; SIMPSON S S

**Patent Family (2 patents, 1 countries)**

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20030053135	A1	20030320	US 2001953760	A	20010917	200342 B
US 7184176	B2	20070227	US 2001953760	A	20010917	200718 E

Priority Applications (no., kind, date): US 2001953760 A 20010917

**Patent Details**

Number Kind Lan Pg Dwg Filing Notes

US 20030053135 A1 EN 18 8

**Black/white image conversion method for network printer, involves selecting document conversion service configured to process print format, so that gray scale or color values are eliminated**

8/3,K/15 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013266999 - Drawing available

WPI ACC NO: 2003-352799/200333

XRPX Acc No: N2003-281752

**Image processing apparatus e.g. printer connected to network, determines optimum value of connection interval of PC according to connection status of PC and network printer, to update PC's interval setting**

Patent Assignee: MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS (MATY)

Inventor: OSANAI A; OZAKI M

**Patent Family (2 patents, 2 countries)**

Patent Application

Number Kind Date Number Kind Date Update

US 20030002075 A1 20030102 US 2002176001 A 20020621 200333 B

JP 2003015970 A 20030117 JP 2001200998 A 20010702 200333 E

Priority Applications (no., kind, date): JP 2001200998 A 20010702

**Patent Details**

Number Kind Lan Pg Dwg Filing Notes

US 20030002075 A1 EN 14 7

JP 2003015970 A JA 12

**...of connection interval of PC according to the connection status of the PC and the network printer. A requester (42) requests the PC to update an interval setting with the optimum value.**

8/3,K/16 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012402634 - Drawing available

WPI ACC NO: 2002-346652/200238

XRPX Acc No: N2002-273120

**Network print system selects printer with lowest maintenance frequency and transmits printing data to selected printer**

Patent Assignee: RICOH KK (RICO)

Inventor: TAKEMOTO I

**Patent Family (1 patents, 1 countries)**

Patent Application

Number Kind Date Number Kind Date Update

JP 2002063002 A 20020228 JP 2000247639 A 20000817 200238 B

Priority Applications (no., kind, date): JP 2000247639 A 20000817

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
JP 2002063002	A	JA	7	2		

**Network print system selects printer with lowest maintenance frequency and transmits printing data to selected printer**

...NOVELTY - A detector (20) detects maintenance frequency of various printers (4a-4c) connected through a **network** . A selector (10) **selects printer** with lowest **maintenance** frequency. A data transmitter (12) transmits printing data to selected printer.

**8/3,K/17 (Item 9 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0011092972 - Drawing available

WPI ACC NO: 2002-028652/200204

XRPX Acc No: N2002-022147

**Network system has power saving management apparatus to control printing of printer, based on power saving transfer notification from printer**

Patent Assignee: FUJI XEROX CO LTD (XERF)

Inventor: AMANO Y; TAGAWA M

**Patent Family** (1 patents, 1 countries)

Patent	Application
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Number	Kind	Date	Number	Kind	Date	Update
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JP 2001075687	A	20010323	JP 1999252896	A	19990907	200204 B
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Priority Applications (no., kind, date): JP 1999252896 A 19990907

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
JP 2001075687	A	JA	15	12		

...power saving management apparatus (10) which registers printer power saving condition and monitors traffic of **network** . On detection of **service demand** to **printer** , starting demand signal is sent and registered condition is canceled.

**8/3,K/18 (Item 10 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0010953792 - Drawing available

WPI ACC NO: 2001-576893/200165

**Method for transmitting service request message of network printer**

Patent Assignee: SAMSUNG ELECTRONICS CO LTD (SMSU)

Inventor: LEE S G

**Patent Family** (2 patents, 1 countries)

Patent		Application			
Number	Kind	Date	Number	Kind	Date Update
KR 2001036016	A	20010507	KR 199942849	A	19991005 200165 B
KR 597427	B1	20060705	KR 199942849	A	19991005 200728 E

Priority Applications (no., kind, date): KR 199942849 A 19991005

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
KR 2001036016	A	KO	1	10		
KR 597427	B1	KO	10		Previously issued patent	KR 2001036016

**Method for transmitting service request message of network printer**

**8/3,K/19 (Item 11 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0010838359 - Drawing available

WPI ACC NO: 2001-456315/200149

XRPX Acc No: N2001-338107

**Radio communication system has facsimile data that is transmitted from facsimile machine to mobile station and then to personal computer over serial digital line after converting communication link**

Patent Assignee: NORTEL NETWORKS LTD (NELE)

Inventor: MANNING S; MIZELL J L; WANG C

**Patent Family (1 patents, 1 countries)**

Patent		Application			
Number	Kind	Date	Number	Kind	Date Update
US 6230024	B1	20010508	US 199878142	A	19980512 200149 B

Priority Applications (no., kind, date): US 199878142 A 19980512

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 6230024	B1	EN	12	6		

#### Original Publication Data by Authority

##### Claims:

...the landline telephone network; and a service option (SO) specifying digital fax; said circuitry also being adapted to generate and transmit a set of signals to both the mobile station and the base station according to which one is receiving a...

**8/3,K/20 (Item 12 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0010628754

WPI ACC NO: 2001-235410/200125

XRPX Acc No: N2001-168342

**Financial transaction terminal that may be connected to network for**

depositing funds at selected service providers has printer that  
prints first receipt for service provider recording details of transaction  
Patent Assignee: FLYNN D L (FLYN-I); GARDENER H M (GARD-I); NOWCARD INT  
LTD (NOWC-N); THOMPSON P I (THOM-I)

Inventor: FLYNN D L; GARDENER H M; THOMPSON P I

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
AU 729816	B	20010208	AU 200071567	A	20001110	200125 B

Priority Applications (no., kind, date): AU 200071567 A 20001110

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
AU 729816	B	EN	13	0		

Financial transaction terminal that may be connected to network for  
depositing funds at selected service providers has printer that  
prints first receipt for service provider recording details of transaction

8/3,K/21 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0010393682 - Drawing available

WPI ACC NO: 2000-411396/200035

XRFX Acc No: N2000-307585

Audio/video files distribution system in multimedia computer network  
utilized in shops, transfers updated collection of selected copy  
files to local computer from central database for playing

Patent Assignee: KONINK KPN NV (NEPO)

Inventor: PIETERSE R

Patent Family (8 patents, 85 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2000025460	A1	20000504	WO 1999EP7772	A	19991007	200035 B
NL 1010389	C2	20000426	NL 1010389	A	19981023	200036 E
AU 200010384	A	20000515	AU 200010384	A	19991007	200039 E
EP 1123591	A1	20010816	EP 1999953836	A	19991007	200147 E
			WO 1999EP7772	A	19991007	
EP 1123591	B1	20040929	EP 1999953836	A	19991007	200464 E
			WO 1999EP7772	A	19991007	
DE 69920733	E	20041104	DE 69920733	A	19991007	200474 E
			EP 1999953836	A	19991007	
			WO 1999EP7772	A	19991007	
ES 2226453	T3	20050316	EP 1999953836	A	19991007	200525 E
DE 69920733	T2	20051013	DE 69920733	A	19991007	200568 E
			EP 1999953836	A	19991007	
			WO 1999EP7772	A	19991007	

Priority Applications (no., kind, date): NL 1010389 A 19981023

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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WO 2000025460 A1 EN 14 2

National Designated States,Original: AE AL AM AT AU AZ BA BB BG BR BY CA  
CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH  
GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200010384 A EN Based on OPI patent WO 2000025460

EP 1123591 A1 EN PCT Application WO 1999EP7772

Based on OPI patent WO 2000025460

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR  
IE IT LI LT LU LV MC MK NL PT RO SE SI

EP 1123591 B1 EN PCT Application WO 1999EP7772

Based on OPI patent WO 2000025460

Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE  
IT LI LU MC NL PT SE

DE 69920733 E DE Application EP 1999953836

PCT Application WO 1999EP7772

Based on OPI patent EP 1123591

Based on OPI patent WO 2000025460

ES 2226453 T3 ES Application EP 1999953836

Based on OPI patent EP 1123591

DE 69920733 T2 DE Application EP 1999953836

PCT Application WO 1999EP7772

Based on OPI patent EP 1123591

Based on OPI patent WO 2000025460

**Audio/video files distribution system in multimedia computer network  
utilized in shops, transfers updated collection of selected copy  
files to local computer from central database for playing**

8/3,K/22 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0009796638 - Drawing available

WPI ACC NO: 2000-085579/200007

XRPX Acc No: N2000-067093

**Telecommunication network and/or quality of service selecting method  
during facsimile or voice message transmission**

Patent Assignee: AT & T CORP (AMTT)

Inventor: HENRICK R F; JAIN A K

**Patent Family (1 patents, 1 countries)**

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 5999598	A	19991207	US 1997909280	A	19970811	200007 B

Priority Applications (no., kind, date): US 1997909280 A 19970811

#### **Patent Details**

Number Kind Lan Pg Dwg Filing Notes

US 5999598 A EN 9 3

**Telecommunication network and/or quality of service selecting method**

during facsimile or voice message transmission

**8/3,K/23 (Item 15 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0008281569 - Drawing available

WPI ACC NO: 1997-390733/199736

XRPX Acc No: N1997-325192

**Printer network system for e.g. local area network - transfers printing data received from data terminal requesting printing service to network printer for printed output, after checking registration of requesting user in printing server**

Patent Assignee: RICOH KK (RICO)

Inventor: OTA N

**Patent Family** (1 patents, 1 countries)

Patent                      Application

Number	Kind	Date	Number	Kind	Date	Update
JP 9171444	A	19970630	JP 1995348189	A	19951219	199736 B

Priority Applications (no., kind, date): JP 1995348189 A 19951219

#### **Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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JP 9171444	A	JA	14	12		
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**...transfers printing data received from data terminal requesting printing service to network printer for printed output, after checking registration of requesting user in printing server**

**8/3,K/24 (Item 16 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0008203896 - Drawing available

WPI ACC NO: 1997-308061/199728

XRPX Acc No: N1997-255234

**Recording/reproducing appts in multimedia system - records or erases information by charge transfer or polarisation inversion to predetermined area by applying voltage to head**

Patent Assignee: SONY CORP (SONY)

Inventor: FUJIWARA I; KOJIMA S; MACHIDA A

**Patent Family** (2 patents, 2 countries)

Patent                      Application

Number	Kind	Date	Number	Kind	Date	Update
JP 9120593	A	19970506	JP 199665697	A	19960322	199728 B
US 5777977	A	19980707	US 1996701687	A	19960822	199834 NCE

Priority Applications (no., kind, date): US 1996701687 A 19960822; JP 1995214819 A 19950823

#### **Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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JP 9120593 A JA 40 25

**Alerting Abstract** ...USE/ADVANTAGE - For high vision system, communication system, computer **network** , video on- **demand** . **Improves** speed of recording/ **reproducing** density.

8/3,K/25 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0008148959 - Drawing available

WPI ACC NO: 1997-250161/199723

XRPX Acc No: N1997-206590

**Network printer for client connection - has printer server catering to registered clients with jobs sequence search in file server and determination of following job priority with processing confirmation and job switch function**

Patent Assignee: TOKYO ELECTRIC CO LTD (TODK)

Inventor: AKIYAMA A

**Patent Family** (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
JP 9081492	A	19970328	JP 1995236901	A	19950914	199723 B

Priority Applications (no., kind, date): JP 1995236901 A 19950914

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
JP 9081492	A	JA	6	5		

**Alerting Abstract** ...The network printer consists of a printer server connected in a **network** with clients which **request** for **printer service** . This **printer** server is also linked to a file server which supplies data for printing as per...

8/3,K/26 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0007995154 - Drawing available

WPI ACC NO: 1997-086904/199708

Related WPI Acc No: 1994-167826; 1997-512182; 1998-446720; 1999-095138;

1997-297592; 1997-297591; 1998-297195

XRPX Acc No: N1997-071659

**Two-way communication network with modem connected to subscriber unit and base station - has subscriber units which include switch for selecting communications path in network, dispersed at various locations within predetermined geographic area**

Patent Assignee: EON CORP (EONE-N)

Inventor: DINKINS G M

**Patent Family** (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
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US 5592491 A 19970107 US 1992966414 A 19921026 199708 B  
US 1994348618 A 19941202

Priority Applications (no., kind, date): US 1992966414 A 19921026; US  
1994348618 A 19941202

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 5592491	A	EN	9	3	C-I-P of application	US 1992966414
					C-I-P of patent	US 5388101

**Alerting Abstract** ...USE/ADVANTAGE - E.g. interactive two-way broadcast data service **network**. For providing wireless **facsimile service** or to **request** pay-per-view services. Enables communication between subscriber unit and base station repeater cell in...

8/3,K/27 (Item 19 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0006690383 - Drawing available  
WPI ACC NO: 1994-070482/199409  
XRPX Acc No: N1994-055352

**Facsimile controller - has unit for controlling communication network by transmitting special number specifying facsimile communication network service**

Patent Assignee: GUNMA SOGO GUARD SYSTEM KK (GUNM-N); UCHIUMI M (UCHI-I)

Inventor: UCHIUMI M

**Patent Family** (1 patents, 1 countries)

Patent	Application
Number	Kind Date Number Kind Date Update
JP 6022116	A 19940128 JP 1992174160 A 19920701 199409 B

Priority Applications (no., kind, date): JP 1992174160 A 19920701

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
JP 6022116	A	JA	7	3		

**...has unit for controlling communication network by transmitting special number specifying facsimile communication network service**

8/3,K/28 (Item 20 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0004472994 - Drawing available  
WPI ACC NO: 1988-215986/198831

**Speech or tele-facsimile mode auto-switch pushbutton telephone set - changes facsimile channel via selection switch when network construction detector circuit senses format dial pulse** NoAbstract Dwg 2/2  
Patent Assignee: MATSUSHITA ELEC IND CO LTD (MATU)

Inventor: KIKUCHI T

**Patent Family** (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
JP 63151166	A	19880623	JP 1986298125	A	19861215	198831 B

Priority Applications (no., kind, date): JP 1986298125 A 19861215

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
JP 63151166	A	JA	11			

... changes facsimile **channel** via selection switch when network  
construction detector circuit senses format dial pulse NoAbstract Dwg 2/2

16/3,K/1 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2007 JPO & JAPIO. All rts. reserv.

08134024 \*\*Image available\*\*

**NETWORK PROVIDING METHOD, SYSTEM AND SERVER IN UTILIZATION OF WEB SERVICE**

PUB. NO.: 2004-246784 [JP 2004246784 A]

PUBLISHED: September 02, 2004 (20040902)

INVENTOR(s): HONDA YASUMASA

KAWAGUCHI AKIRA

APPLICANT(s): NIPPON TELEGR & TELEPH CORP (NTT)

APPL. NO.: 2003-038251 [JP 200338251]

FILED: February 17, 2003 (20030217)

**NETWORK PROVIDING METHOD, SYSTEM AND SERVER IN UTILIZATION OF WEB SERVICE**

**ABSTRACT**

**PROBLEM TO BE SOLVED:** To provide a **network** providing method and servers in the utilization of Web service through UDDI (Universal Description, Discovery and Integration) which can guarantee sure communication performance.

**SOLUTION:** This system comprises a **network** providing server 11 having a **network** communication performance storing means for storing **network** communication performance information and a private UDDI server 12 for duplicating the UDDI information of Web service from a public UDDI server 10 and storing and **disclosing** the **duplicated** information. A **service requester** server 3 retrieves the UDDI information stored in the private UDDI server 12, which provides the retrieving information of the Web service, provides **network** communication performance information to the service requester server 3 by using the **network** providing server 11 to provide the guaranteed **network**.

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16/3,K/2 (Item 2 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2007 JPO & JAPIO. All rts. reserv.

07656490 \*\*Image available\*\*

PRINT SERVICE DEVICE

PUB. NO.: 2003-150348 [JP 2003150348 A]

PUBLISHED: May 23, 2003 (20030523)

INVENTOR(s): GENDA KOHEI

APPLICANT(s): FUJI XEROX CO LTD

APPL. NO.: 2001-344036 [JP 2001344036]

FILED: November 09, 2001 (20011109)

#### ABSTRACT

PROBLEM TO BE SOLVED: To **enhance** convenience in **specifying a printer** by a print service device for holding a print job received via a **network** and for transmitting a print instruction based on the print job to the printer specified...

... terminal 21, etc., which becomes a transmitting origin of the process start instruction on the **network**, printer selection history in the past and printer setting information, etc. A user specifies a...

16/3,K/3 (Item 3 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2007 JPO & JAPIO. All rts. reserv.

02782236 \*\*Image available\*\*

METHOD FOR EXTRACTING CIRCUIT **NETWORK**

PUB. NO.: 01-079836 [JP 1079836 A]

PUBLISHED: March 24, 1989 (19890324)

INVENTOR(s): AIHARA MASAMI

APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 62-236116 [JP 87236116]

FILED: September 22, 1987 (19870922)

JOURNAL: Section: P, Section No. 897, Vol. 13, No. 306, Pg. 64, July  
13, 1989 (19890713)

METHOD FOR EXTRACTING CIRCUIT **NETWORK**

#### ABSTRACT

PURPOSE: To easily generate a test vector by extracting a circuit **network** obtained by adding attribution corresponding to the sort of a signal to be transmitted by...

... description is checked by a syntax checking part 5. When a grammatical error exists, a **message** is outputted to an **output device 4** to **demand** the designer to **correct** the description. Circuit description having no grammatical error is divided into a combining circuit part...

... by a circuit dividing part 6. A connecting relation extracting part 7 extracts a circuit **network** indicating the connecting relation of circuits. Consequently, the test vector of a circuit with a...

**16/3,K/4 (Item 1 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0014349376 - Drawing available

WPI ACC NO: 2004-537734/200452

XRPX Acc No: N2004-426183

**Address management method in voice over internet protocol network , involves judging response to alert message containing terminal number from terminal based on which IP address of packet is judged using compatibility table**

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID)

Inventor: KEZUKA T

**Patent Family** (1 patents, 1 countries)

Patent                      Application

Number	Kind	Date	Number	Kind	Date	Update
JP 2004200839	A	20040715	JP 2002364740	A	20021217	200452 B

Priority Applications (no., kind, date): JP 2002364740 A 20021217

#### **Patent Details**

Number      Kind    Lan    Pg    Dwg    Filing    Notes

JP 2004200839    A    JA    12    4

**Address management method in voice over internet protocol network , involves judging response to alert message containing terminal number from terminal based on which IP...**

**Alerting Abstract** ...the received call request containing radio terminal number of calling party. The call request is **duplicated** when the **request** relates to similar **service** area. An alert **message** containing the terminal number is notified by station based on the similar requests. Internet protocol...

...terminals like personal handy set (PHS), digital cordless telephone in voice over internet protocol (VoIP) **network** .

**Title Terms.../Index Terms/Additional Words: NETWORK ;**

**16/3,K/5 (Item 2 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0013518157 - Drawing available

WPI ACC NO: 2003-611249/200358

XRPX Acc No: N2003-487443

**Network print system requests status information of destination printer and transmits print error information of printer to host computer so as to inform operator for change in destination printer**

Patent Assignee: CANON KK (CANO)

Inventor: HIROSE H

**Patent Family** (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
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JP 2003140867	A	20030516	JP 2001340620	A	20011106	200358 B
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Priority Applications (no., kind, date): JP 2001340620 A 20011106

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
--------	------	-----	----	-----	--------	-------

JP 2003140867	A	JA	6	6		
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**Network print system requests status information of destination printer and transmits print error information of printer...**

#### Original Titles:

**NETWORK PRINT SYSTEM AND INFORMATION PROCESSING DEVICE**

**Alerting Abstract ...NOVELTY** - A network server (103) connected to the printers (101) through a network, requests the status information of a destination printer and transmits the print error information to a host computer (100), when detected. The host computer requests an operator for change in the destination printer and informs the server so that the server continues performing the above process with the new destination...

...USE - For printing image data produced by computer (claimed) connected through network.

...

...DESCRIPTION OF DRAWINGS - The figure shows a schematic view of the network print system.

**Title Terms/Index Terms/Additional Words:** NETWORK ;

**16/3,K/6 (Item 3 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0013489598 - Drawing available

WPI ACC NO: 2003-581897/200355

Related WPI Acc No: 1997-031853

XRPX Acc No: N2003-462804

**Distributed processing system for networked image forming service, selects suitable image forming device for providing service to requesting terminal, and stores state and specification of selected device**

Patent Assignee: RICOH KK (RICO)

Inventor: YAMADA D

**Patent Family** (2 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
--------	------	------	--------	------	------	--------

JP 2003202976	A	20030718	JP 199638443	A	19960226	200355 B
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			JP 2002314612	A	19960226	
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JP 3581855	B2	20041027	JP 199638443	A	19960226	200470 E
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			JP 2002314612	A	20021029	
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Priority Applications (no., kind, date): JP 199560086 A 19950224

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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JP 2003202976	A	JA	26	24	Division of application	JP 199638443
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JP 3581855	B2	JA	22		Division of application	JP 199638443
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Previously issued patent JP 2003202976

**Alerting Abstract** ...for selecting suitable image forming device. A memory stores specification and state information of the **selected service providing image forming device**. A communication unit (5d) **communicates** the stored information to the terminal, on request. **USE - For network** image forming service provided by digital composite machine, copier, printer, facsimile connected to terminals such...

**16/3,K/7 (Item 4 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0013080487 - Drawing available

WPI ACC NO: 2003-161072/200316

XRPX Acc No: N2003-127221

**Network printer controller sends notification to user to change printing conditions of specified printer when optimal printer is not able to be detected based on acquired optimal printing conditions**

Patent Assignee: CANON KK (CANO)

Inventor: FUJITA S; INOUE H; NISHIKAWA H; OKUBO H; SANO S; SUZUKI T

**Patent Family** (1 patents, 1 countries)

Patent	Application
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Number	Kind	Date	Number	Kind	Date	Update
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JP 2003005936	A	20030110	JP 2001193594	A	20010626	200316 B
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Priority Applications (no., kind, date): JP 2001193594 A 20010626

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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JP 2003005936	A	JA	8	7		
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**Network printer controller sends notification to user to change printing conditions of specified printer when optimal printer is not able to be detected based on acquired optimal printing conditions**

**Alerting Abstract** **USE - Network printer controller...**

...ADVANTAGE - The printer connected to the **network** is efficiently utilized...

**Title Terms/Index Terms/Additional Words: NETWORK ;**

**16/3,K/8 (Item 5 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0012433731 - Drawing available  
WPI ACC NO: 2002-378923/200241  
XRPX Acc No: N2002-296610

**Information providing system for facsimile based services, transmits warning to facsimile for notifying the requested service from service center, based on the access request**

Patent Assignee: SHARP KK (SHAF)

Inventor: SHIBATA K

**Patent Family** (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 2002109086	A	20020412	JP 2000298339	A	20000929	200241 B

Priority Applications (no., kind, date): JP 2000298339 A 20000929

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
JP 2002109086	A	JA	14	10		

**Information providing system for facsimile based services, transmits warning to facsimile for notifying the requested service from service center, based on the access request**

**Alerting Abstract** ...facsimile (100) forwards a service request to a service center (300) connected to public telephone **network** (210). A warning for notifying the requested service is transmitted to the facsimile in response...

...210Public telephone **network**

**16/3,K/9 (Item 6 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0009591400 - Drawing available  
WPI ACC NO: 1999-539666/199945  
XRPX Acc No: N1999-399862

**Graphical user interface for subscriber management systems**

Patent Assignee: CONTINENTAL CABLEVISION INC (CTCA-N); MEDIAONE GROUP INC (MEDI-N); US WEST INC (USWE-N)

Inventor: STRICKLAND M; STRICKLAND R

**Patent Family** (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5956024	A	19990921	US 19952045	P	19950808	199945 B
			US 1996659323	A	19960606	

Priority Applications (no., kind, date): US 19952045 P 19950808; US 1996659323 A 19960606



**Patent Details**

Number Kind Lan Pg Dwg Filing Notes  
US 5956024 A EN 14 4 Related to Provisional US 19952045

**Alerting Abstract DESCRIPTION** - The display unit communicates with a subscriber management system through either LAN , WAN , NTSC video links or digital video link. A communication unit is included to communicate between...

**Original Publication Data by Authority****Claims:**

...report problem, signal monitor, request service order copy, schedule install and schedule/rescheduled service appointment, **account** on hold, disconnect, **CSR performance**, calculator, **calendar**, and EPSS, b. the means of communicating consisting of: a LAN, a WAN, an NTSC video link, a digital video link, an Ethernet LAN, and a Fast **Ethernet** LAN, and a high-speed broadband network, and c. the presented data **consisting** of RF data, database **data**, billing system data, TV data, **credit** card authorization data, fax data, voice data, and NTSC video feed data.

**16/3,K/10 (Item 7 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0008678755 - Drawing available

WPI ACC NO: 1998-217668/199819

XRPX Acc No: N1998-172091

**Phone-to-phone internet phone exchange system - identifies call by checking ring indicator and connects callers phone line to server before caller selects required service and caller number**

Patent Assignee: JEON C G (JEON-I); JEON C K (JEON-I)

Inventor: JEON C G; JEON C K

**Patent Family** (2 patents, 20 countries)

Patent

Application

Number	Kind	Date	Number	Kind	Date	Update
WO 1998012860	A1	19980326	WO 1997KR179	A	19970922	199819 B
KR 1998022414	A	19980706	KR 199641567	A	19960923	199925 E

Priority Applications (no., kind, date): KR 199641567 A 19960923

**Patent Details**

Number Kind Lan Pg Dwg Filing Notes

WO 1998012860 A1 EN 18 3

National Designated States,Original: JP US

Regional Designated States,Original: AT BE CH DE DK ES FI FR GB GR IE IT  
LU MC NL PT SE

KR 1998022414 A KO 3

**Alerting Abstract** ...analogue voice signals that the caller can hear on his telephone unit. According to guidance **messages**, the caller **selects** an appropriate **service** among a call, fax and voice mail and depresses the telephone number that he wishes to call...

## Original Publication Data by Authority

### Original Abstracts:

...the caller can hear on his phone unit. According to guidance messages, the caller selects **an** appropriate service **among** a call, **fax** , and voice mail, **and** depresses the phone number that he wants to call. The computer controller (8) receives that

**16/3,K/11 (Item 8 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0008381031 - Drawing available  
WPI ACC NO: 1997-496605/199746  
XRPX Acc No: N1997-413768

**Facsimile communication system for information service e.g. supply and storage to facsimile terminal - has communication controller that transmits response data to facsimile terminals demanding for information service, when operation of system controller is stopped due to e.g. maintenance**  
Patent Assignee: MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS (MATY)  
Inventor: MATSUDA R; OTA T

**Patent Family** (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 9233299	A	19970905	JP 199634540	A	19960222	199746 B

Priority Applications (no., kind, date): JP 199634540 A 19960222

### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
JP 9233299	A	JA	6	6		

**Alerting Abstract** ...controls information service. A communication controller (4) is connected to the system controller. A switching **network** (7) connects the communication controller to several facsimile terminals (8)  
...

...The communication controller stores a response data used to respond to **messages from facsimile terminals demanding information service** , when operation of the system controller is stopped due to e.g. maintenance.  
If a...

**16/3,K/12 (Item 9 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0008217201 - Drawing available  
WPI ACC NO: 1997-322643/199730  
XRPX Acc No: N1997-267006

**Mobile station operating method for cellular network - uses radio telephone which identifies available public and private communication**

networks and their facilities and allows user to select desired network

Patent Assignee: NOKIA MOBILE PHONES LTD (OYNO)

Inventor: LIETSALMI M; SEPPANEN J; VAIHOJA J; VANTTILA J

Patent Family (2 patents, 5 countries)

Patent Number	Kind	Application Date	Number	Kind	Date	Update
EP 781064	A2	19970625	EP 1996308079	A	19961107	199730 B
US 5903832	A	19990511	US 1995576260	A	19951221	199926 E

Priority Applications (no., kind, date): US 1995576260 A 19951221

#### Patent Details

Number Kind Lan Pg Dwg Filing Notes

EP 781064 A2 EN 20 24

Regional Designated States,Original: DE FR GB SE

Mobile station operating method for cellular network - ...

...uses radio telephone which identifies available public and private communication networks and their facilities and allows user to select desired network

**Alerting Abstract** ...to connect to preferred services. The telephone maintains a single prioritised list of all available networks including both public and private networks. The telephone can automatically select a network for a call...

...Alternatively the user can be presented with the list of available networks and organise a preferred priority. The user can also specify a particular service, e.g. data, fax, e-mail. The telephone can search for additional networks and identify those that provide a particular service. All of the networks are searched at once to provide a single priority list. In response to input from the user, the method then attempts to register the mobile station with the highest priority network.

**Title Terms.../Index Terms/Additional Words:** NETWORK ;  
**Original Publication Data by Authority**

#### Original Abstracts:

...mobile station (10) maintains a single, prioritized list of all available networks (i.e., all public, residential, and private networks). Access to the various networks is then based on the user's needs. A first type of access is an automatic access, that requires...

...involvement. A second type of access is to a user-specified network. A third type of access is to a user-specified service (e.g., data, fax, e-mail, etc.) that is supported by at least one of the networks. The mobile station can search for additional networks, and can also search for additional networks that support only a specified type of service, or for a network that supports a service not supported by networks that are already in the list. All of the networks can be searched at once so that the user can readily make a selection from the single, prioritized network list. The network priorities are user programmable by moving network names up and down in the list using a mobile station user interface, such as the mobile station's keypad. The higher the network name

is placed in the list, the higher is the priority of the network.

...

...single, prioritized list of all available networks (i.e., all public, residential, and private networks). Access to the various networks is then based on the user's needs. A first type of access is an automatic access, that requires little or no user involvement...

**16/3,K/13 (Item 10 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0008038257 - Drawing available

WPI ACC NO: 1997-132156/199712

Related WPI Acc No: 1996-412453

XRPX Acc No: N1997-109180

**Time series data lossless distribution method in relational database network - involves performing multiple refresh operations and producing copies of source data tables through multiple generations of copies by applying consistent change data table entries to last prior refreshed copy**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: GOLDRING R D

**Patent Family (1 patents, 1 countries)**

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
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US 5603024	A	19970211	US 1993134229	A	19931008	199712 B
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			US 1996647533	A	19960515	
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Priority Applications (no., kind, date): US 1993134229 A 19931008; US 1996647533 A 19960515

#### **Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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US 5603024	A	EN	18	12	Continuation of application	US
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1993134229						
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**Time series data lossless distribution method in relational database network -**

#### **Original Titles:**

Lossless distribution of time series data in a relational data base network .

**Alerting Abstract ...ADVANTAGE** - Permits multiple copies of data to be made specifying only changes to base copy of table without losing change information from copy to copy.

**Title Terms.../Index Terms/Additional Words: NETWORK ;**

**16/3,K/14 (Item 11 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0007786070 - Drawing available

WPI ACC NO: 1996-412453/199641

Related WPI Acc No: 1997-132156

XRPX Acc No: N1996-347238

**Propagation of history change to database copies for relational database system - involves reading recorded events from activity log having time stamp value more recent than predetermined time and identifying committed transactional updates to source data table from activity log**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: GOLDRING R D

Patent Family (1 patents, 1 countries)

Patent                      Application

Number      Kind   Date   Number      Kind   Date   Update

US 5553279      A   19960903   US 1993134229   A   19931008   199641   B

Priority Applications (no., kind, date): US 1993134229   A   19931008

#### Patent Details

Number      Kind   Lan   Pg   Dwg   Filing   Notes

US 5553279      A   EN   18   12

#### Original Titles:

Lossless distribution of time series data in a relational data base network .

**Alerting Abstract ...ADVANTAGE** - Permits multiple copies of data table to be made specifying only changes to base copy of table without losing change information from copy to copy.

16/3,K/15 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0006838038 - Drawing available

WPI ACC NO: 1994-226691/199428

XRPX Acc No: N1994-178697

**Name translation in communication networks - translating name by presenting it to name cache in source node, and if no entry name cache maintenance code obtains information about name from server translating name sending message to destination node**

Patent Assignee: AMERICAN TELEPHONE & TELEGRAPH CO (AMTT); AT & T CORP (AMTT); FRASER RES INC (FRAS-N)

Inventor: FRASER A G

Patent Family (9 patents, 10 countries)

Patent                      Application

Number      Kind   Date   Number      Kind   Date   Update

EP 606720      A2   19940720   EP 1993309770   A   19931206   199428   B

CA 2109787      A   19940701   CA 2109787      A   19931123   199434   E

JP 6244942      A   19940902   JP 19948224      A   19940104   199440   E

US 5434914      A   19950718   US 1992999336   A   19921231   199534   E

EP 606720      A3   19950719   EP 1993309770   A   19931206   199612   E

CA 2109787      C   20010306   CA 2109787      A   19931123   200116   E

JP 3378071      B2   20030217   JP 19948224      A   19940104   200316   E

EP 606720      B1   20040225   EP 1993309770   A   19931206   200415   E

DE 69333427      E   20040401   DE 69333427      A   19931206   200424   E

EP 1993309770      A   19931206

Priority Applications (no., kind, date): EP 1993309770 A 19931206; US  
1992999336 A 19921231

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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EP 606720	A2	EN	12	3		
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Regional Designated States,Original: AT BE DE ES FR GB IT NL SE

CA 2109787	A	EN				
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JP 6244942	A	JA	12			
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US 5434914	A	EN	10	3		
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EP 606720	A3	EN				
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CA 2109787	C	EN				
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JP 3378071	B2	JA	12		Previously issued patent	JP 06244942
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EP 606720	B1	EN				
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Regional Designated States,Original: AT BE DE ES FR GB IT NL SE

DE 69333427	E	DE			Application	EP 1993309770
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Based on OPI patent EP 606720

**Name translation in communication networks -**

#### Original Titles:

...Name translation in communications **networks**

...

...Name translation in communications **networks**

...

...METHOD FOR TRANSLATION AND DEVICE AND **NETWORK** THEREFOR...

...Name translation in communications **networks**

**Alerting Abstract** ...of sending a first message containing the name to a second node specified by the **network** address (107). In the second node the name is checked to see if it corresponds to any **network** address served by the second node. Where the name does not correspond a second message...

...The first node responds to the second message by performing the translation by obtaining the **network** address corresp. to the name from a name server (119). The translation is carried out in a name cache in the first node. The **network** address is added to the name cache (111...

**Equivalent Alerting Abstract** ...The method involves in a first node, using a copy of a name- **network** address correspondence for the name which may not be currently valid, to translate the name into the **network** address specified in the copy. A first message containing at least the name from the first node is sent to a second node specified by the **network** address specified in the copy. The name is sent so that the second node can use the name to determine the validity of the name- **network** address correspondence specified in the copy...

...A second message is received from the second node when the name- **network** address correspondence specified in the copy is not valid. The second message is responded to by using the name server to obtain the **network** address for the name from the currently-valid name- **network** correspondence

for the name...

...The copy is updated so that the copy contains the currently-valid name-**network** address correspondence for the name...

Title Terms.../Index Terms/Additional Words: **NETWORK** ;

#### Original Publication Data by Authority

#### Original Abstracts:

Source nodes (103(a)) in a network (101) for translating **names** into network addresses receive names ( **N109** (i)) and have name caches (111) for translating the names; destination nodes (103(b)) have local name tables (114) containing correspondences between names and the network addresses (107(i)) **served** by the destination node. There is further a name server (119) accessible to the nodes which contains current correspondences between names and network addresses. A name is translated by first presenting it to the name cache (111) in a source node; if...

...and a call set up message containing the name and the network address is sent to the destination node (103(b)), which checks whether the name and network address are its **local** name table (114). If they are, the destination node returns a call complete message to...

...Apparatus and methods used in a network for translating names into network addresses. Source nodes in the network receive names and have name caches for translating the names; destination nodes have local name tables containing correspondences between names and the network addresses served by the destination node. There is **further** a name server accessible to the nodes which contains current correspondences between names and network addresses. A name is translated by first presenting it to the name cache in a source node; if there is no entry for the...

...message containing the name and the network address is sent to the destination node, which **checks** whether the name and network address are its local name table. If they **are** , the destination node returns a call complete message to the source node. Otherwise, it returns...

#### Claims:

1. A method for determining whether a translation of a name into a network address **done** in a first node of a network is **valid** , the method characterized by the steps of: sending a first message containing at least the name to a second node specified by the network address; in the second node, determining whether the name corresponds to any network address served by the second node; and when the name does not so correspond, sending a second message indicating...

...first node (103(a)) of a network (101) using correspondence data stored in the first node is valid, the method comprising the steps of: sending a first **message** containing at least the name from the first node (103(a)) to a second node...

...name translation; in the second node (103(b)), determining whether the name corresponds to any **network** address served by the second node (103(b)); and when the name does not so correspond, sending a second message indicating that there is **no** correspondence to the first node (103(a))

**19/3,K/1 (Item 1 from file: 347)**  
DIALOG(R)File 347:JAPIO  
(c) 2007 JPO & JAPIO. All rts. reserv.

08029695 \*\*Image available\*\*  
PRINTER, LAMINATING DEVICE AND METHOD OF LAMINATING

PUB. NO.: 2004-142454 [JP 2004142454 A]  
PUBLISHED: May 20, 2004 (20040520)  
INVENTOR(s): **BHATTI KRIS**  
**FENGLER LYNDA**  
APPLICANT(s): HEWLETT-PACKARD DEVELOPMENT CO LP  
APPL. NO.: 2003-350746 [JP 2003350746]  
FILED: October 09, 2003 (20031009)  
PRIORITY: 02 280588 [US 2002280588], US (United States of America),  
October 24, 2002 (20021024)

INVENTOR(s): **1BHATTI KRIS**  
**FENGLER LYNDA**

**19/3,K/2 (Item 1 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0014803833 - Drawing available  
WPI ACC NO: 2005-151519/200516  
XRPX Acc No: N2005-127843  
Firmware installation facilitation method for peripheral device e.g.  
printer, transmits firmware availability notification to user and receives  
download request from user to provide remote firmware update file to  
peripheral device  
Patent Assignee: **BHATTI K L (BHAT-I); FENGLER L (FENG-I)**  
Inventor: **BHATTI K L ; FENGLER L**  
Patent Family (1 patents, 1 countries)  
Patent Application  
Number Kind Date Number Kind Date Update  
US 20050027807 A1 20050203 US 2003630461 A 20030730 200516 B

Priority Applications (no., kind, date): US 2003630461 A 20030730

**Patent Details**  
Number Kind Lan Pg Dwg Filing Notes  
US 20050027807 A1 EN 12 7

Inventor: **BHATTI K L ...**  
**... FENGLER L**

**Original Publication Data by Authority**

Inventor name & address:  
**Fengler, Lynda ...**

**... Bhatti, Kristen L**



19/3,K/3 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0014224018 - Drawing available  
WPI ACC NO: 2004-409845/200438  
XRAM Acc No: C2004-153779  
XRPX Acc No: N2004-325454

Printing device for creating laminated output directly from printing  
device, has drum, developer cylinder, charging device, transfer roller,  
laminating device, and fuser

Patent Assignee: BHATTI K (BHAT-I); FENGLER L (FENG-I); HEWLETT-PACKARD  
DEV CO LP (HEWP)

Inventor: BHATTI K ; FENGLER L

Patent Family (4 patents, 3 countries)

Patent		Application			
Number	Kind	Date	Number	Kind	Date Update
US 20040081494	A1	20040429	US 2002280588	A	20021024 200438 B
DE 10347429	A1	20040519	DE 10347429	A	20031013 200438 E
JP 2004142454	A	20040520	JP 2003350746	A	20031009 200438 E
US 6751436	B2	20040615	US 2002280588	A	20021024 200439 E

Priority Applications (no., kind, date): US 2002280588 A 20021024

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20040081494	A1	EN	13	7		
JP 2004142454	A	JA	14			

Inventor: BHATTI K ...

... FENGLER L

#### Original Publication Data by Authority

Inventor name & address:

Bhatti, Kris, Boise, Id., US ...

... Fengler, Lynda, Meridian, Id., US ...

... BHATTI KRIS ...

... FENGLER LYNDIA ...

... Bhatti, Kris ...

... Fengler, Lynda ...

... Bhatti, Kris ...

... Fengler, Lynda

?

## Patent Fulltext

File 348:EUROPEAN PATENTS 1978-2007/ 200721

(c) 2007 European Patent Office

File 349:PCT FULLTEXT 1979-2007/UB=20070518UT=20070510

(c) 2007 WIPO/Thomson

Set Items Description

- S1 483881 (IMAGE)FORMING OR COPY OR OUTPUT)(EQUIPMENT OR MACHINE?  
? OR DEVICE? ?) OR PRINTER? ? OR COPY? ? OR COPIER? ? OR PHOT-  
OCOP??? OR REPRODUC? OR DUPLICAT??? OR XEROGRAPH? OR XEROX???  
OR FAX??? OR FACSIMILE? ? OR TELEFACSIMILE? ? OR SCANNER? ?
- S2 2551650 REQUEST??? OR DEMAND??? OR ASK??? OR QUERY??? OR QUERIES OR  
INQUIR??? OR REQUISITION? ? OR CHOOS??? OR CHOICE? ? OR SELE-  
CT??? OR SPECIFY??? OR SPECIFIE? ? OR CHOSE? ? OR SCHEDULE? ?
- S3 152148 S2(3N)(UPDAT? OR UP(DAT??? OR CORRECT??? OR REVIS??? OR R-  
ECTIF? OR IMPROVE? OR RECONCILE? OR ACCURA?? OR REMED??? OR E-  
NHANC??? OR EDIT?? OR CHANGE? ? OR MAINTENANCE OR SERVICE OR  
SERVICING OR DOWNLOAD? ? OR DIAGNOSTIC? ?)
- S4 352470 NETWORK? ? OR LAN OR WAN
- S5 2820215 NOTIFI? OR NOTIFY??? OR REPORT??? OR TELL??? OR INFORM? ? -  
OR INFORMING OR COMMUNICATE? ? OR CONTACT?? OR MESSAGE? ? OR -  
DISCLOS??? OR APPRIS??? OR COMMUNICATING OR EXPRESS? OR SPECI-  
FY???
- S6 2080 S1(5N)S3
- S7 246 S6(5N)S5
- S8 22 S7(15N)S4
- S9 14 S8 NOT AY=2005:2007
- S10 0 AU=(FENGLER, L? OR FENGLER L?)
- S11 0 AU=(BHATTI, K? OR BHATTI K?)

9/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2007 European Patent Office. All rts. reserv.

01789281

**Network printer connection update scheme for printer clients**

**System zur Aktualisierung der Netzwerkdrukerverbindungen für  
Druckerklanten**

**Systeme de mise a jour des connexions d'imprimantes de reseau pour des  
clients d'imprimante**

PATENT ASSIGNEE:

MICROSOFT CORPORATION, (749872), One Microsoft Way, Redmond, Washington  
98052, (US), (Applicant designated States: all)

INVENTOR:

Kiraly, Steven, 17816 NE 25th Street, Redmond Washington 98052, (US)  
Fenelon, Michael P., 15113 92nd Place NE, Bothell Washington 98011, (US)  
Roth, Tali, 9625 110th Avenue NE, Kirkland Washington 98033, (US)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat  
(100721), Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1460530 A2 040922 (Basic)

EP 1460530 A2 040922

EP 1460530 A3 051214

APPLICATION (CC, No, Date): EP 2004006267 040316;

PRIORITY (CC, No, Date): US 391252 030318

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT CLASS (V7): G06F-009/44

ABSTRACT WORD COUNT: 13897.

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS A (English) 200439 2713

SPEC A (English) 200439 10387

Total word count - document A 13100

Total word count - document B 0

Total word count - documents A + B 13100

...SPECIFICATION those skilled in the art will readily appreciate, the present invention, enabling an administrator to **specify /store changes to printer connections** in a directory service or similar **network resource configuration specification repository**, can be incorporated into a variety of networks. Thus, the present...resources/configurations 300. In an embodiment of the invention, a management console utility, utilized by **network administrators**, executes upon any networked machine and enables **network administrators** to view and **specify changes to printer connections**. The management console utility, described herein below with reference to a set of exemplary...

...CLAIMS parameters of the configuration definitions comprises connections to specified ones of the printers in the **network** , said method comprising the steps of:

**specifying a change** to a set of **printer** connections within a first configuration definition assigned to a first **network** entity represented in the directory of network resources; receiving, by a client machine associated with...

...to a first configuration definition in the directory service server and assigned to a first **network** entity with which the client machine is associated, and

submitting an **update request** to a **printer** sub-system **informing** the printer sub-system on the client machine of changes to printer connections in accordance...

...connection update call corresponding to at least a first configuration definition assigned to a first **network** entity with which the client machine is associated, and

submitting an **update request** to a **printer** sub-system **informing** the printer sub-system on the client machine of changes to printer connections in accordance...

...parameters of the configuration definitions comprises connections to specified ones of the printers in the **network** , the computer-executable instructions facilitating performing a method comprising:

**specifying a change** to a set of **printer** connections within a first configuration definition assigned to a first **network** entity represented in the directory of network resources; receiving, by a client machine associated with...

9/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2007 European Patent Office. All rts. reserv.

01769734

**Printer acces control**

**Abdruckszugriffskontrolle**

**Contrôle d'accès d'impression**

**PATENT ASSIGNEE:**

Samsung Electronics Co., Ltd., (4611263), 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742, (KR), (Applicant designated States: all)

**INVENTOR:**

Lee, Hyuck-jae, 212-303 Daechi Apt., 12 Gaepo-dong, Gangnam-gu Seoul, (KR)

**LEGAL REPRESENTATIVE:**

Geary, Stuart Lloyd et al (79361), Venner, Shipley & Co., 20 Little Britain, London EC1A 7DH, (GB)

**PATENT (CC, No, Kind, Date):** EP 1443711 A1 040804 (Basic)  
EP 1443711 A1 040804

**APPLICATION (CC, No, Date):** EP 2004250346 040122;

**PRIORITY (CC, No, Date):** KR 203004254 030122

**DESIGNATED STATES:** DE; FR; GB; NL

**EXTENDED DESIGNATED STATES:** AL; LT; LV; MK

**INTERNATIONAL PATENT CLASS (V7):** H04L-012/28

**ABSTRACT WORD COUNT:** 87

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200432	2008
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SPEC A	(English)	200432	1946
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Total word count - document A	3954
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Total word count - document B	0
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Total word count - documents A + B	3954
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...SPECIFICATION clients includes fields specifying whether each client 20 is allowed to associate with the wireless LAN printer 10. The wireless LAN printer remote management program 32 in the printer management server 30 updates the fields specifying association permission. In other words, the wireless LAN printer remote management program 32 enables the fields denoting association permission in relation to authenticated...

9/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2007 European Patent Office. All rts. reserv.

00835342

Method and apparatus for providing status information of facsimile transmissions

Verfahren und Vorrichtung zur Lieferung von Zustandsinformation von Faksimileübertragungen

Procede et appareil pour la fourniture d'informations d'etat dans des transmissions de telecopie

PATENT ASSIGNEE:

AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412, (US), (applicant designated states: DE;ES;FR;GB;IT)

INVENTOR:

Gupta, Alok K., 22 Manor Drive, Marlboro, NJ 07746, (US)

LEGAL REPRESENTATIVE:

R.A. KUHNEN & P.A. WACKER (101501), Patentanwaltsgesellschaft mbH  
Alois-Steinecker-Strasse 22, 85354 Freising, (DE)

PATENT (CC, No, Kind, Date): EP 773664 A2 970514 (Basic)

EP 773664 A3 990609

APPLICATION (CC, No, Date): EP 96118216 961113;

PRIORITY (CC, No, Date): US 554957 951113

DESIGNATED STATES: DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS (V7): H04N-001/32;

ABSTRACT WORD COUNT: 77

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	EPAB97	610
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SPEC A	(English)	EPAB97	2827
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Total word count - document A	3437
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Total word count - document B	0
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Total word count - documents A + B	3437
------------------------------------	------

...SPECIFICATION customer needs database 22. In other words, at the time a user subscribes to a **network**-based **fax** forward **service**, the user will **specify** information for the user's format file. The format file includes information such, for example...

9/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2007 European Patent Office. All rts. reserv.

00787279

**Multi-node data processing system**

**Mehrfachknoten-Datenverarbeitungssystem**

**Systeme de traitement de donnees a plusieurs noeuds**

PATENT ASSIGNEE:

INTERNATIONAL COMPUTERS LIMITED, (233330), ICL House, Putney, London, SW15 1SW, (GB), (Applicant designated States: all)

INVENTOR:

Eaton, John Richard, 52 Victoria Road, Salford, Manchester, M6 8EY, (GB)

LEGAL REPRESENTATIVE:

Guyatt, Derek Charles et al (31325), Fujitsu Services Limited Observatory House Windsor Road, Slough Berkshire SL1 2EY, (GB)

PATENT (CC, No, Kind, Date): EP 734137 A2 960925 (Basic)

EP 734137 A3 020102

APPLICATION (CC, No, Date): EP 96301654 960311;

PRIORITY (CC, No, Date): GB 9506765 950324

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS (V7): H04L-029/14; G06F-015/16; H04L-012/40

ABSTRACT WORD COUNT: 155

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	EPAB96	422
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SPEC A	(English)	EPAB96	1774
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Total word count - document A	2196
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Total word count - document B	0
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Total word count - documents A + B	2196
------------------------------------	------

...SPECIFICATION two rings 17,18, by means of respective node connection switches (NCS) 21-26. The **network** is used to broadcast public write **messages**, **requesting** each recipient to **update** its local **copy** of the public data.

As shown in Figure 2, each NCS has first and second...

9/3,K/5 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2007 European Patent Office. All rts. reserv.

00649684

**Data message storage and pick up service**

**Datensendungspeicherung und -abrufdienst**

**Service d'emménagement et de recherche de données de messages**

**PATENT ASSIGNEE:**

AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412,  
(US), (applicant designated states: DE;ES;FR;GB)

**INVENTOR:**

Chang, Edward S., 44 Wolf Hill Drive, Warren, New Jersey 07059, (US)  
Grasty, Nadine Kinsey, 5 Maxwell Court, Warren, New Jersey 07059, (US)  
Gupta, Alok K., 22 Manor Drive, Marlboro, New Jersey 07746, (US)  
McNair, Bruce Edwin, 1 Iron Hill Drive, Holmdel, New Jersey 07733, (US)  
Schwartz, Alan Ira, 90 South Edgewood Road, Bedminster, New Jersey 07921,  
(US)

**LEGAL REPRESENTATIVE:**

Harding, Richard Patrick et al (41295), Marks & Clerk, Nash Court, Oxford  
Business Park South, Oxford OX4 2RU, (GB)

PATENT (CC, No, Kind, Date): EP 626776 A1 941130 (Basic)  
EP 626776 B1 990407

APPLICATION (CC, No, Date): EP 94303530 940518;

PRIORITY (CC, No, Date): US 68359 930527

DESIGNATED STATES: DE; ES; FR; GB

INTERNATIONAL PATENT CLASS (V7): H04N-001/32; H04N-001/44;

ABSTRACT WORD COUNT: 150

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
----------------	----------	--------	------------

CLAIMS B	(English)	9914	443
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CLAIMS B	(German)	9914	429
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CLAIMS B	(French)	9914	467
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SPEC B	(English)	9914	4817
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Total word count - document A	0
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Total word count - document B	6156
-------------------------------	------

Total word count - documents A + B	6156
------------------------------------	------

...SPECIFICATION Edward C Chung et al, Implementation of a Fax Distribution  
System in the Local Area Networks of PCs, discloses a system having  
an on- demand fax documents retrieval service. A user who gains  
access to the service selects a particular document by a pre...

**9/3,K/6 (Item 6 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2007 European Patent Office. All rts. reserv.

00387998

**Local area network for digital data processing system.**

**Lokales Netzwerk für ein numerisches Datenverarbeitungssystem.**

**Reseau local pour systeme de traitement de donnees numeriques.**

**PATENT ASSIGNEE:**

DIGITAL EQUIPMENT CORPORATION, (313080), 146 Main Street, Maynard, MA  
01754, (US), (applicant designated states: BE;CH;DE;FR;GB;IT;LI;NL;SE)

**INVENTOR:**

Mann, Bruce, Valley Road, Mason, New Hampshire 03048, (US)  
Duffy, Darrell, 3 Nashua Road, Windham, New Hampshire 03087, (US)  
Lauck, Anthony, 20 Fells Circle, Wellesley, Massachusetts 021871, (US)  
Strecker, William, 33 Ann Lee Road, Harvard, Massachusetts 01451, (US)

**LEGAL REPRESENTATIVE:**

Betten & Resch (101031), Reichenbachstrasse 19, W-8000 Munchen 5, (DE)  
PATENT (CC, No, Kind, Date): EP 374134 A2 900620 (Basic)

EP 374134 A3 900808

EP 374134 B1 920729

APPLICATION (CC, No, Date): EP 90103121 850524;

PRIORITY (CC, No, Date): US 616553 840601

DESIGNATED STATES: BE; CH; DE; FR; GB; IT; LI; NL; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 163577

INTERNATIONAL PATENT CLASS (V7): G06F-015/16;

ABSTRACT WORD COUNT: 228

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS B (English) EPBBF1 432

CLAIMS B (German) EPBBF1 236

CLAIMS B (French) EPBBF1 309

SPEC B (English) EPBBF1 9136

Total word count - document A 0

Total word count - document B 10113

Total word count - documents A + B 10113

...SPECIFICATION teaches control of name usage in networks. In particular,  
name associations are established for entities **such** as programs, and  
files so as to facilitate establishing connections **between** chosen  
entities, **using** a table of names assigned to locally accessible  
entities. It does not appear however that...

9/3,K/7 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01219917 \*\*Image available\*\*

**METHODS AND SYSTEMS FOR WIRELESS LOCAL AREA NETWORK (WLAN)-BASED  
SIGNALING**

**NETWORK MONITORING**

**PROCEDES ET SYSTEMES DE CONTROLE DE RESEAU DE SIGNALISATION BASE SUR  
UN**

**RESEAU LOCAL SANS FIL (WLAN)**

Patent Applicant/Assignee:

TEKELEC, 26580 West Agoura Road, Calabasas, CA 91302, US, US (Residence),

US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

DELANEY Robert J, 10612 Bent Twig Drive, Raleigh, NC 27613, US, US

(Residence), US (Nationality), (Designated only for: US)

EICHLER Todd, 1021 Home Garden Court, Wake Forest, NC 27587, US, US

(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HUNT Gregory A (agent), Jenkins, Wilson & Taylor, P.A., University Tower,

Suite 1400, 3100 Tower Boulevard, Durham, NC 27707, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200527540 A2-A3 20050324 (WO 0527540)

Application: WO 2004US29606 20040913 (PCT/WO US2004029606)

Priority Application: US 2003502462 20030912; US 2004937930 20040910



Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO  
SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6158

Fulltext Availability:

Detailed Description

Detailed Description

... Message copy function 102 copies both inbound and outbound  
messages from 1/0 buffer 402. Message copy function 102 also  
requests  
service from the one of the processors in network monitoring platform  
104  
when message copy function 102 has message copies to send. Requesting  
1...

9/3,K/8 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01155544 \*\*Image available\*\*

**METHODS AND SYSTEMS FOR AUTOMATICALLY AND ACCURATELY GENERATING  
CALL DETAIL**

**RECORDS FOR CALLS ASSOCIATED WITH PORTED SUBSCRIBERS  
PROCEDES ET SYSTEMES DE GENERATION AUTOMATIQUE ET PRECISE DE  
REGISTRES**

**D'INFORMATIONS D'APPEL CONCERNANT LES APPELS ASSOCIES A DES ABONNES A  
PORTABILITE DE NUMERO**

Patent Applicant/Assignee:

TEKELEC, 26580 West Agoura Road, Calabasas, CA 91302, US, US (Residence),  
US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

MOISEY Kenneth Andrew, 2901 Sunnystone Way, Raleigh, NC 27613, US, US  
(Residence), CA (Nationality), (Designated only for: US)

MARSICO Peter Joseph, 1415 Preston Spring Lane, Chapel Hill, NC 27516, US  
, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HUNT Gregory A (agent), Jenkins, Wilson & Taylor, P.A., Suite 1400,  
University Tower, 3100 Tower Boulevard, Durham, NC 27707, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200477799 A2-A3 20040910 (WO 0477799)

Application: WO 2004US6247 20040227 (PCT/WO US04006247)

Priority Application: US 2003450725 20030227

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7667

Fulltext Availability:

Detailed Description

Detailed Description

... a

message copy function 312 or 5U copies signaling messages from a  
signaling link, the **message copy** function broadcasts a **service  
request** to  
**network** monitoring processors 500 via **network** monitoring transport  
card  
508. In response to the service request, the network monitoring processor  
provisioned...

9/3,K/9 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00980066 \*\*Image available\*\*

**MULTIFUNCTION PERIPHERAL DEVICE WITH DYNAMIC USER INTERFACE  
DESCRIPTION**

**DISPOSITIFS PERIPHERIQUES MULTIFONCTIONNELS**

Patent Applicant/Assignee:

ECOPY INC, 20 Trafalgar Square, Nashua, NH, US, US (Residence), US  
(Nationality)

Inventor(s):

CONLEY Michael, 26 Field Pond Drive, Reading, MA 01867, US,  
HANSEN Eric, 14 Fieldstone Drive, Amherst, NH 03031, US,

Legal Representative:

RINES Robert H (agent), MacLeod Allsop, Bledington Grounds, Bledington,  
Gloucestershire OX7 6XL, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200309131 A2-A3 20030130 (WO 0309131)

Application: WO 2001B2229 20011126 (PCT/WO IB2001002229)

Priority Application: US 2001906473 20010716

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS

LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4041

Fulltext Availability:

Detailed Description

Detailed Description

... the remote network computer PC in response to respective  
interactive XML data over the interconnecting network N.

Once the copier user has selected the desired service (MFP step 1),  
this is

communicated (to the right) as XML data over the network N to the  
remote

network PC, where the initial XML data from the MFP copier initiates  
the  
network computer PC...

9/3,K/10 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00951432 \*\*Image available\*\*

**SYSTEM FOR UNIVERSAL DATA OUTPUT**

**SYSTEME DESTINE A UNE SORTIE UNIVERSELLE DE DONNEES**

Patent Applicant/Assignee:

FLEXIWORLD TECHNOLOGIES INC, P.O. Box 87237, Vancouver, WA 98687, US, US  
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

CHANG William Ho, 16900 S.E. 26th Drive, #94, Vancouver, WA 98683, US, US  
(Residence), US (Nationality), (Designated only for: US)

LIU Christina Ying, Flexiworld Technologies, Inc., P.O. Box 87237,  
Vancouver, WA 98687, US, US (Residence), CN (Nationality), (Designated  
only for: US)

Legal Representative:

SMITH-HILL John (agent), Smith-Hill and Bedell, P.C., 12670 N.W. Barnes  
Road, Suite 104, Portland, OR 97229, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200284928 A2-A3 20021024 (WO 0284928)

Application: WO 2002US19901 20020121 (PCT/WO US0219901)

Priority Application: US 2001262764 20010119

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 31287

Fulltext Availability:

Detailed Description

Detailed Description

... A network node includes any device, server or storage location that is connected to the **network**. As described below in greater detail, an information apparatus **requesting output service** may **communicate** with an **output device**. During such local service negotiation, at least a partial output device profile may be uploaded...

9/3,K/11 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00530930 \*\*Image available\*\*

**MOBILE STATION, MOBILE RADIO COMMUNICATION NETWORK AND COMMUNICATION METHOD**

**USING SEVERAL SUBSCRIBER PROFILES**

**STATION MOBILE, RESEAU DE COMMUNICATION RADIO MOBILE ET PROCEDE DE COMMUNICATION FAISANT APPEL A PLUSIEURS PROFILS D'ABONNES**

Patent Applicant/Assignee:

TELEFONAKTIEBOLAGET LM ERICSSON (publ),

Inventor(s):

BRUSS Jorg,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9962282 A1 19991202

Application: WO 99EP3556 19990525 (PCT/WO EP9903556)

Priority Application: DE 19823074 19980522

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE  
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU  
ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW  
ML MR NE SN TD TG

Publication Language: German

Fulltext Word Count: 14317

Fulltext Availability:

Detailed Description

Detailed Description

... identity modules for each subscriber. If by means of a

registration message (in a GSM network generally the Location

Update

Request message ) a copy of the respective subscriber profile data set has been transferred from HLR to MSC/VLR...

9/3,K/12 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00456834 \*\*Image available\*\*

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR SWITCHED TELEPHONY**

**COMMUNICATION**

**SYSTEME PROCEDE ET ARTICLE CONCU POUR LES COMMUNICATIONS TELEPHONIQUES PAR**

**RESEAU COMMUTE**

Patent Applicant/Assignee:

MCI WORLDCOM INC,

Inventor(s):

ZEY David A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9847298 A2 19981022

Application: WO 98US7927 19980415 (PCT/WO US9807927)

Priority Application: US 97835789 19970415; US 97834320 19970415

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU  
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL  
PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW  
SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR  
IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 156638

Fulltext Availability:

Detailed Description

Detailed Description

... may also include non

processed data, such as DS-3 alarms from NMS 338 and network maintenance schedule data 340.

In step 906, reports are produced. These reports may be custom or form reports. They may also be produced...

9/3,K/13 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00443927

**A COMMUNICATION SYSTEM ARCHITECTURE**

## ARCHITECTURE D'UN SYSTEME DE COMMUNICATION

Patent Applicant/Assignee:

MCI WORLDCOM INC,  
EASTEP Guido M,  
LITZENBERGER Paul R,  
OREBAUGH Shannon R,  
ELLIOTT Isaac K,  
STELLE Rick,  
SCHRAGE Bruce,  
BAXTER Craig A,  
ATKINSON Wesley,  
KNOSTMAN Chuck,  
CHEN Bing,  
VANDERSLUIJST Kristan,

Inventor(s):

EASTEP Guido M,  
LITZENBERGER Paul R,  
OREBAUGH Shannon R,  
ELLIOTT Isaac K,  
STELLE Rick,  
SCHRAGE Bruce,  
BAXTER Craig A,  
ATKINSON Wesley,  
KNOSTMAN Chuck,  
CHEN Bing,  
VANDERSLUIJST Kristan,  
JUN Fang DI,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9834391 A2 19980806

Application: WO 98US1868 19980203 (PCT/WO US9801868)

Priority Application: US 97794555 19970203; US 97794114 19970203; US  
97794689 19970203; US 97807130 19970210; US 97798208 19970210; US  
97795270 19970210; US 97797964 19970210; US 97800243 19970210; US  
97798350 19970210; US 97797445 19970210; US 97797360 19970210

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH  
GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI  
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 156226

Fulltext Availability:

Detailed Description

Detailed Description

... the Report On Data

component 414 is illustrated. This process component, which runs on the  
**Reporting** server 304, stores SNMS-processed data and provides reports.

Standardized **Network** Element (NE) Event Records 914 are received with  
location specific time stamps. In step 902...

9/3,K/14 (Item 8 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00422399 \*\*Image available\*\*

**PHONE-TO-PHONE INTERNET PHONE EXCHANGE SYSTEM**  
**SYSTEME D'ECHANGE TELEPHONIQUE PAR INTERNET ET DE TYPE**  
**TELEPHONE-A-TELEPHONE**

Patent Applicant/Assignee:

JEON Chan Koo,

Inventor(s):

JEON Chan Koo,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9812860 A1 19980326

Application: WO 97KR179 19970922 (PCT/WO KR9700179)

Priority Application: KR 9641567 19960923

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

JP US AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 4232

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... voice signals that the caller can hear- on his phone unit.

According to guidance messages .. the caller selects an appropriate service among a call, fax, and voice mail, and depresses the phone number that he wants to call.

The computer controller 8 receives that phone number through the tone...

Claim

... is that the caller can hear on I-Lis phone unit. io According to guidance messages, the caller selects an appropriate service among a call, fax, and voice mail, and depresses the phone number that he wants

to

call. The computer controller receives that phone number through the tone encode...

## Non Patent Literature Abstracts

File 8: Ei Compendex(R) 1884-2007/May W2  
 (c) 2007 Elsevier Eng. Info. Inc.  
 File 35: Dissertation Abs Online 1861-2007/May  
 (c) 2007 ProQuest Info&Learning  
 File 65: Inside Conferences 1993-2007/May 25  
 (c) 2007 BLDSC all rts. reserv.  
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 (c) 2007 Institution of Electrical Engineers  
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 (c) 2007 INIST/CNRS  
 File 34: SciSearch(R) Cited Ref Sci 1990-2007/May W4  
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 (c) 2002 The Gale Group  
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 File 60: ANTE: Abstracts in New Tech & Engineer 1966-2007/May  
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S1 2538998 (IMAGE)FORMING OR COPY OR OUTPUT)(EQUIPMENT OR MACHINE?  
 ? OR DEVICE? ?) OR PRINTER? ? OR COPY? ? OR COPIER? ? OR PHOT-  
 OCOP??? OR REPRODUC? OR DUPLICAT??? OR XEROGRAPH? OR XEROX???  
 OR FAX??? OR FACSIMILE? ? OR TELEFACSIMILE? ? OR SCANNER? ?  
 S2 5954191 REQUEST??? OR DEMAND??? OR ASK??? OR QUERY??? OR QUERIES OR  
 INQUIR??? OR REQUISITION? ? OR CHOOS??? OR CHOICE? ? OR SELE-  
 CT??? OR SPECIFY??? OR SPECIFIE? ? OR CHOSE? ? OR SCHEDULE? ?  
 S3 201364 S2(3N)(UPDAT? OR UPQDAT??? OR CORRECT??? OR REVIS??? OR R-  
 ECTIF? OR IMPROVE? OR RECONCILE? OR ACCURA?? OR REMED??? OR E-  
 NHANC??? OR EDIT?? OR CHANGE? ? OR MAINTENANCE OR SERVICE OR  
 SERVICING OR DOWNLOAD? ? OR DIAGNOSTIC? ? )  
 S4 2635529 NETWORK? ? OR LAN OR WAN  
 S5 9295366 NOTIFI? OR NOTIFY??? OR REPORT??? OR TELL??? OR INFORM? ? -  
 OR INFORMING OR COMMUNICATE? ? OR CONTACT?? OR MESSAGE? ? OR -  
 DISCLOS??? OR APPRIS??? OR COMMUNICATING OR EXPRESS? OR SPECI-  
 FY???  
 S6 976 S1(3N)S3  
 S7 35 S6(5N)S5  
 S8 27 RD S7 (unique items)  
 S9 16 S8 NOT PY=2005:2007



S10 16 RD (unique items)  
S11 11403 S1 AND S3  
S12 2231 S11 AND S5  
S13 348 S12 AND S4  
S14 173 S6 AND S5  
S15 16 S14 AND S4  
S16 15 RD (unique items)  
S17 6 S16 NOT PY=2005:2007  
S18 5 S17 NOT S10  
S19 0 AU=(FENGLER, L? OR FENGLER L?)  
S20 27 AU=(BHATTI, K? OR BHATTI K?)  
S21 5 S20 AND S1  
S22 5 RD (unique items)  
S23 5 S22 NOT (S18 OR S10)

10/3,K/5 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2007 Institution of Electrical Engineers. All rts. reserv.

05974968 INSPEC Abstract Number: B9508-6210L-001, C9508-7210L-001

**Title: Electronic error reporting via Internet in the VAX environment**

Author(s): Khosh-Khui, S.A.

Author Affiliation: Albert B. Alkek Libr., Southwest Texas State Univ.,  
San Marcos, TX, USA

Journal: OCLC Systems & Services vol.11, no.1 p.27-38

Publication Date: 1995 Country of Publication: USA

CODEN: OSSEEE ISSN: 1065-075X

Language: English

Subfile: B C

Copyright 1995, IEE

...Abstract: University, in response to the OCLC announcement that OCLC users could begin submitting bibliographic record **change requests** and **duplicate record reports** via Internet e-mail. OER is a menu-driven program written in VAX VMS which...

10/3,K/6 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2007 Institution of Electrical Engineers. All rts. reserv.

01746998 INSPEC Abstract Number: C75009627

**Title: A software package for high-speed graphic line printer**

Author(s): Kato, Y.; Oishi, T.; Murayama, Y.

Author Affiliation: Electrotech. Lab., Tokyo, Japan

Journal: Bulletin of the Electrotechnical Laboratory vol.38, no.10  
p.551-61

Publication Date: 1974 Country of Publication: Japan

CODEN: DESIA7 ISSN: 0366-9092

Language: Japanese

Subfile: C

...Abstract: possible for users to select either the X-Y plotter or the GLP as the **output device** at the **link-edit** phase by **specifying INCLUDE** parameter cards for producing object modules. Among other features are automatic checking for the...

10/3,K/8 (Item 1 from file: 144)

DIALOG(R)File 144:Pascal

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16597401 PASCAL No.: 04-0246964

**Evaluation of gene expression in pigs selected for enhanced reproduction using differential display PCR: II. Anterior pituitary**

BERTANI G R; GLADNEY C D; JOHNSON R K; POMP D

Department of Animal Science, University of Nebraska, Lincoln 68583-0908,  
United States  
Journal: Journal of animal science, 2004, 82 (1) 32-40  
Language: English

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**Evaluation of gene expression in pigs selected for enhanced  
reproduction using differential display PCR: II. Anterior pituitary**

**10/3,K/16 (Item 1 from file: 99)**  
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
(c) 2007 The HW Wilson Co. All rts. reserv.

1233904 H.W. WILSON RECORD NUMBER: BAST95029487

**Surprise! Fax servers smarten up**

Levine, Ron;

Datamation v. 41 (May 15 '95) p. 63-4

DOCUMENT TYPE: Feature Article ISSN: 0011-6963

...ABSTRACT: during a single phone call using the existing telephone  
network and equipment. Servers also provide **enhanced fax -on- demand**  
(FOD), voice **notification** of incoming faxes, and binary file transfer.  
New business applications of fax technology are discussed.  
?

**18/3,K/1 (Item 1 from file: 8)**  
DIALOG(R)File 8:EI Compendex(R)  
(c) 2007 Elsevier Eng. Info. Inc. All rts. reserv.

10438069 E.I. No: EIP05239143380

**Title: Structures for in- network moving object tracking in wireless  
sensor networks**

Author: Lin, Chih-Yu; Tseng, Yu-Chee

Corporate Source: Department of Computer Science and Information  
Engineering National Chiao Tung University, Hsin-Chu, 30050, Taiwan

Conference Title: Proceedings - First International Conference on  
Broadband Networks, BroadNets 2004

Conference Location: San Jose, CA, United States Conference Date:  
20041025-20041029

E.I. Conference No.: 64906

Source: Proceedings - First International Conference on Broadband  
Networks, BroadNets 2004 Proceedings - First International Conference on  
Broadband Networks, BroadNets 2004 2004. (IEEE cat n P2221)

Publication Year: 2004

ISBN: 0769522211

Language: English

**Title: Structures for in- network moving object tracking in wireless sensor networks**

**Abstract:** One important application of wireless sensor **networks** is tracking moving objects. The recent progress has made it possible for tiny sensors to have more computing power and storage space. Therefore, a sensor **network** can be considered as a distributed database, on which one can conduct in- **network** data processing. This paper considers in- **network** moving object tracking in a sensor **network** . This typically consists of two operations: location update and query. We propose a **message** -pruning tree structure that is an extension of the earlier work, which assumes the existence of a logical structure to connect sensors in the **network** . We formulate this problem as an optimization problem. The formulation allows us to take into account the physical structure of the sensor **network** , thus leading to more efficient solutions than in terms of communication costs. We evaluate **updating** and **querying** costs through simulations. **copy** 2004 IEEE. 14 Refs.

**Descriptors:** \*Wireless telecommunication systems; Telecommunication **networks** ; Sensors; Microelectromechanical devices; Data processing; Problem solving; Mathematical models

**Identifiers:** **Message** pruning tree structures; Drain-And-Balance (DAB); Wireless sensor **networks** ; Moving object tracking

**18/3,K/2 (Item 2 from file: 8)**

DIALOG(R)File 8: Ei Compendex(R)

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09105466 E.I. No: EIP02317043224

**Title: Using neural networks for identifying organizational improvement strategies**

**Author:** Montagno, Ray; Sexton, Randall S.; Smith, Brien N.

**Corporate Source:** Computer Information Systems Southwest Missouri State University, Springfield, MO 65804, United States

**Source:** European Journal of Operational Research v 142 n 2 Oct 16 2002. p 382-395

**Publication Year:** 2002

**CODEN:** EJORDT **ISSN:** 0377-2217

**Language:** English

**Title: Using neural networks for identifying organizational improvement strategies**

...**Abstract:** these strategies, if any, is most helpful in improving performance. A genetic algorithm trained neural **network** is used to identify such combinations to provide direction to managers as to which performance improvement strategies are associated with increases in performance as **reported** by operations managers. This study shows that

this neural **network** approach can identify combinations that result in better approximations of performance, as compared to standard statistical techniques, and should be considered as an appropriate tool for performance **improvement** strategy **selection** . copy 2002 Elsevier Science B.V. All rights reserved. 35 Refs.

Descriptors: \*Operations research; Neural **networks** ; Artificial intelligence; Strategic planning; Societies and institutions; Approximation theory; Statistical methods; Genetic algorithms

**18/3,K/3 (Item 1 from file: 35)**

DIALOG(R)File 35:Dissertation Abs Online

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01859069 ORDER NO: AADAA-I3034326

**Printer color management using pareto-optimization and efficient calibration techniques**

Author: Littlewood, David John

Degree: Ph.D.

Year: 2001

Corporate Source/Institution: University of Colorado at Boulder (0051)

Source: VOLUME 62/11-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 5339. 215 PAGES

ISBN: 0-493-46835-8

...The Pareto-optimal method offers user control over trade-off problems such as cost versus **reproduction accuracy** , allowing for user-**specified** print objectives and the use of constraints such as maximum allowable ink and maximum allowable...

...set selected to capture efficiently the entire CMYK gamut. The first implementation uses artificial neural **networks** as transfer functions between the  $L^*a^*b^*$  and CMYK color spaces. The...

...the Pareto-optimal method. The GCR formulation developed in this thesis generalizes solution methods for **specifying** arbitrary GCR as bounded by the minimum- and maximum-GCR solutions, finding solutions that use...

...a change of printer cartridge are modeled using linear polynomials, quadratic polynomials, and artificial neural **networks** . Additionally, a method is investigated that updates a previously existing artificial-neural- **network** printer model by adding heavily weighted recalibration data, to the original characterization set. A significant...

**18/3,K/4 (Item 1 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2007 Institution of Electrical Engineers. All rts. reserv.

05497204 INSPEC Abstract Number: B9311-6210H-004, C9311-7210L-032

**Title: The impact of telefacsimile service upon interlibrary loan in Georgia libraries**

Author(s): Montgomery, D.L.

Author Affiliation: Valdosta State Coll., GA, USA

Journal: Journal of Interlibrary Loan & Information Supply vol.3, no.3

p.57-90

Publication Date: 1993 Country of Publication: USA

CODEN: JILSEW ISSN: 1042-4458

Language: English

Subfile: B C

...Abstract: Georgia which had telefacsimile machines, and eighty responses were received. Results of the survey are **reported** and analyzed, including possible implications for state and area **networks** in regards to such factors as how to **request fax service**, the amount of time allowed to fill a request, and costs.

## Non Patent Literature Fulltext

File 275:Gale Group Computer DB(TM) 1983-2007/May 24  
 (c) 2007 The Gale Group

File 47:Gale Group Magazine DB(TM) 1959-2007/May 16  
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File 621:Gale Group New Prod.Annou.(R) 1985-2007/May 24  
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 (c) 2007 The HW Wilson Co.

File 553:Wilson Bus. Abs. 1982-2007/May  
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 (c) 2007 ProQuest Info&Learning

File 9:Business & Industry(R) Jul/1994-2007/May 23  
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File 610:Business Wire 1999-2007/May 25  
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File 810:Business Wire 1986-1999/Feb 28  
 (c) 1999 Business Wire

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 (c) 2007 CMP Media, LLC

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File 696:DIALOG Telecom. Newsletters 1995-2007/May 24  
 (c) 2007 Dialog

File 369:New Scientist 1994-2007/Dec W4  
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File 613:PR Newswire 1999-2007/May 25  
 (c) 2007 PR Newswire Association Inc

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 (c) 1999 PR Newswire Association Inc

File 370:Science 1996-1999/Jul W3  
 (c) 1999 AAAS

File 16:Gale Group PROMT(R) 1990-2007/May 24  
 (c) 2007 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989  
 (c) 1999 The Gale Group

File 484:Periodical Abs Plustext 1986-2007/May W3  
 (c) 2007 ProQuest

File 634:San Jose Mercury Jun 1985-2007/May 24  
 (c) 2007 San Jose Mercury News

Set Items Description

S1 5558009 (IMAGE)(FORMING OR COPY OR OUTPUT)(EQUIPMENT OR MACHINE?  
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 S2 23035074 REQUEST??? OR DEMAND??? OR ASK??? OR QUERY??? OR QUERIES OR  
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 S5 30781071 NOTIFI? OR NOTIFY??? OR REPORT??? OR TELL??? OR INFORM? ? -  
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 S6 20098 S1(3N)S3  
 S7 1476 S6(5N)S5  
 S8 69 S7(25N)S4  
 S9 38 RD (unique items)  
 S10 38 S9 NOT PY=2005:2007  
 S11 59 S7(15N)S4  
 S12 33 RD (unique items)  
 S13 33 S12 NOT PY=2005:2007



**13/3,K/1 (Item 1 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2007 The Gale Group. All rts. reserv.

01960465 SUPPLIER NUMBER: 18508817 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Street-smart communication. (Hayes Microcomputer Products Smartcom Message Center telephone management software) (Software Review)(Evaluation)**

Karney, James

Computer Shopper, v16, n8, p368(1)

August, 1996

DOCUMENT TYPE: Evaluation ISSN: 0886-0556 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 747 LINE COUNT: 00063

... 000 voice-mail accounts; mark messages as normal or urgent priority; and run a sophisticated fax -on- demand /broadcast service . It will notify users of new messages or faxes over a network or via pager. You can retrieve your voice mail over the phone and have it...

**13/3,K/2 (Item 2 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2007 The Gale Group. All rts. reserv.

01616288 SUPPLIER NUMBER: 13946055 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**CSCW challenges: cooperative design in engineering projects.**

**(Computer-Supported Cooperative Work) (Participatory Design)**

Gronbaek, Kaj; Kyng, Morten; Mogensen, Preben

Communications of the ACM, v36, n4, p67(11)

June, 1993

ISSN: 0001-0782 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 7066 LINE COUNT: 00593

... of the hypermedia. The secretaries currently responsible for registering correspondence become responsible for entering letters, faxes , change requests , and nonconformance reports into the hypermedia network . As a supplement and partly a substitute for registering keywords, they establish initial sets of...

**13/3,K/3 (Item 3 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2007 The Gale Group. All rts. reserv.

01601826 SUPPLIER NUMBER: 13947619 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Voice processing: Octel announces support for Microsoft's messaging protocol & Windows Telephony API. (Octel Communications Corp.; applications programming interface)**

EDGE, on & about AT&T, v8, n255, p23(1)

June 14, 1993

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 455 LINE COUNT: 00040

... manage services offered on the Octel servers. Key applications will include interactive voice response (IVR), **fax -on- demand** , **fax** broadcast, **enhanced system reporting** , information services, **network** management and system management.

"Giving users the ability to see and manipulate all of their...

**13/3,K/4 (Item 4 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2007 The Gale Group. All rts. reserv.

01308940 SUPPLIER NUMBER: 07598360 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Office Works. (Software Review) (one of nine workgroup productivity software packages evaluations) (evaluation)**

McGovern, Patricia A.

PC Magazine, v8, n16, p253(3)

Sept 26, 1989

DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1037 LINE COUNT: 00076

... mail in need of a response. The recipients may be Office Works users on the **network** , remote recipients calling in through a modem, or a mixture of these, and **messages** may be sent by telex, **fax** , or postal **service** . The sender can **request** a return receipt, and the recipient can standardize his system so that a return receipt...

**13/3,K/5 (Item 1 from file: 47)**

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2007 The Gale group. All rts. reserv.

03390554 SUPPLIER NUMBER: 08904497 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Information delivery - riding the fax wave. (column)**

Hawkins, Donald T.

Online, v14, n3, p98(4)

May, 1990

CODEN: ONLID DOCUMENT TYPE: column ISSN: 0146-5422

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 2573 LINE COUNT: 00213

... pp. 38-46.

[4] USA Today, December 15, 1989, p. 7B.

[5] SpectraFAX Introduces Special **Request Fax** Information Retrieval **Service** ," IDP **Report** , October 6, 1989, p. 9.

[6] Wilson, Mark. "How to Set Up a Telefacsimile **Network** - The Pennsylvania Libraries' Experience." ONLINE 12, No. 3 (May 1988): pp. 15-25.

[7] Alexander...

**13/3,K/6 (Item 1 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2007 The Gale Group. All rts. reserv.

02720727 Supplier Number: 66803701 (USE FORMAT 007 FOR FULLTEXT)

**(0) CDMA Development Group Recognizes Outstanding Industry Achievements  
During CDMA World Congress.**

Business Wire, p0624

June 12, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1032

... its subscribers to wirelessly check and reply to e-mail, log on to the corporate **network**, browse the Internet, send and receive **faxes** and **update contacts** and **schedule**.

Currently offering data services at 64kbps, SK Telecom is also positioned to be the first...

**13/3,K/7 (Item 2 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2007 The Gale Group. All rts. reserv.

02535232 Supplier Number: 62696151 (USE FORMAT 007 FOR FULLTEXT)

**CDMA Development Group Recognizes Outstanding Industry Achievements During  
CDMA World Congress.**

Business Wire, p0622

June 12, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 980

... its subscribers to wirelessly check and reply to e-mail, log on to the corporate **network**, browse the Internet, send and receive **faxes** and **update contacts** and **schedule**.

Currently offering data services at 64kbps, SK Telecom is also positioned to be the first...

**13/3,K/8 (Item 3 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2007 The Gale Group. All rts. reserv.

01803981 Supplier Number: 53724912 (USE FORMAT 007 FOR FULLTEXT)

**Excel Announces Enhanced Relationship with Comverse Network Systems.**

Business Wire, p1576

Feb 8, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 661

... to business and residential users. These services include call answering, voice/fax mail, short text **message service**, **fax-on-demand**, audiotex, interactive voice response, virtual phone/fax, and next-generation Advanced Intelligent **Network**-based personal communications services such as pre-paid services, call screening/caller introduction, and mobile...

**13/3,K/9 (Item 4 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2007 The Gale Group. All rts. reserv.

01794753 Supplier Number: 53626516 (USE FORMAT 007 FOR FULLTEXT)  
**Comverse's Network Systems Division Selected By Cable & Wireless In Global Agreement.**

Business Wire, p0075

Jan 25, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 452

... include call answering, unified messaging (voice, fax, e-mail in a single mailbox), short text **message service**, **fax-on-demand**, audiotex, interactive voice response, virtual phone/fax, and next-generation Advanced Intelligent **Network**-based personal communications services such as pre-paid services, call screening/caller introduction, and mobile...

**13/3,K/10 (Item 5 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2007 The Gale Group. All rts. reserv.

01740919 Supplier Number: 53138022 (USE FORMAT 007 FOR FULLTEXT)  
**Comverse Technology's Network Systems Division Announces New Distributed Prepaid Wireless Platform.**

Business Wire, p1205

Oct 28, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 933

... to business and residential users. These services include call answering, voice/fax mail, short text **message service**, **fax-on-demand**, audiotex, interactive voice response, virtual phone/fax and next-generation Advanced Intelligent **Network**-based personal communications services such as pre-paid services, call screening/caller introduction and mobile...

**13/3,K/11 (Item 6 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2007 The Gale Group. All rts. reserv.

01713561 Supplier Number: 53022336 (USE FORMAT 007 FOR FULLTEXT)  
**Comverse Technology's Network Systems Division Enhances Its Intelligent Short Message Service Center Offering.**

Business Wire, p1284

Sept 23, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 863

... to business and residential users. These services include call answering, voice/fax mail, short text **message service**, **fax-on-demand**

, audiotex, interactive voice response, virtual phone/fax, and next-generation Advanced Intelligent Network -based personal communications services such as pre-paid services, personal number, call screening/caller introduction...

**13/3,K/12 (Item 7 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2007 The Gale Group. All rts. reserv.

01708289 Supplier Number: 50315990 (USE FORMAT 007 FOR FULLTEXT)  
**Comverse Network Systems To Provide Universal Messaging Capabilities To BellSouth.**

Business Wire, p09141161

Sept 14, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Newswire; Trade

Word Count: 681

... to business and residential users. These services include call answering, voice/fax mail, short text **message service**, **fax -on- demand**, audiotex, interactive voice response, virtual phone/fax, and next-generation Advanced Intelligent Network -based personal communications services such as prepaid services, personal number, call screening/caller introduction, mobile...

**13/3,K/13 (Item 8 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2007 The Gale Group. All rts. reserv.

01221133 Supplier Number: 43893431 (USE FORMAT 007 FOR FULLTEXT)  
**OCTEL ANNOUNCES SUPPORT FOR MICROSOFT'S MESSAGING PROTOCOL AND WINDOWS**

**TELEPHONY API**

News Release, p1

June 9, 1993

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 456

... manage services offered on the Octel servers. Key applications will include interactive voice response (NR), **fax -on- demand**, **fax broadcast**, **enhanced system reporting**, information services, **network management** and system management.

"Giving users the ability to see and manipulate all of their...

**13/3,K/14 (Item 1 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2007 The Gale Group. All rts. reserv.

02549483 Supplier Number: 45142145 (USE FORMAT 7 FOR FULLTEXT)

**GammaLink Brings Robust, High Density Fax Processing to SCSA**

M2 Presswire, pN/A

Nov 16, 1994

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 491

... currently sells CBF products for high volume and high performance uses. Principal application areas include **LAN fax**, image servers, broadcast servers, host **fax**, **fax-on-demand** and **service bureaux**.

**CONTACT**: Michael Gray/Lise Hutcheon, Gray Associates

Tel: +44 181 744 9168 L J Urbano, Dialog...

**13/3,K/15 (Item 2 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2007 The Gale Group. All rts. reserv.

02109097 Supplier Number: 43909725 (USE FORMAT 7 FOR FULLTEXT)

**"MICROSOFT AT WORK" INITIATIVE GATHERS WIDESPREAD SUPPORT**

Network Week, n77, pN/A

June 18, 1993

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 482

... and fax messages from a desktop computer visually. Key applications will include interactive voice response, **fax-on-demand**, **fax** broadcast, **enhanced system reporting**, information services, **network** management and system management.

At the announcement, Microsoft said that it plans to have applications

...

**13/3,K/16 (Item 1 from file: 553)**

DIALOG(R)File 553:Wilson Bus. Abs.

(c) 2007 The HW Wilson Co. All rts. reserv.

03047871 H.W. WILSON RECORD NUMBER: BWBA95047871

**Surprise! Fax servers smarten up.**

Levine, Ron

Datamation (Datamation) v. 41 (May 15 '95) p. 63-4

LANGUAGE: English

...ABSTRACT: as well as voice and fax, during a single phone call using the existing telephone **network** and equipment. Servers also provide **enhanced fax-on-demand** (FOD), voice **notification** of incoming faxes, and binary file transfer. New business applications of fax technology are discussed.

**13/3,K/17 (Item 1 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2007 ProQuest Info&Learning. All rts. reserv.

02813020 744853011

**Xerox's Foundation Built on New Media**

Whitney, Daisy

TelevisionWeek v23n44 PP: 54 Nov 1, 2004  
JRNL CODE: ELME  
WORD COUNT: 890

...TEXT: content, said Bill Jennings, VP of interactive and enhanced TV sales at A&E Television Networks , which includes the History Channel on-demand service .

Xerox declined to disclose its VOD expenditures. VOD ads are generally being bought on the expected number of impressions...

13/3,K/19 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2007 ProQuest Info&Learning. All rts. reserv.

00785886 94-35278  
**Crime fax**  
Arbetter, Lisa  
Security Management v37n11 PP: 13 Nov 1993  
ISSN: 0145-9406 JRNL CODE: SEM  
WORD COUNT: 473

...TEXT: Volunteers there read the details and decide which subscribers the information pertains to and then fax accordingly. Service users are also asked to report crimes.

The network sends out an average of fifteen to twenty faxes a day. Most include information on...

13/3,K/20 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2007 ProQuest Info&Learning. All rts. reserv.

00731960 93-81181  
**CSCW challenges: Cooperative design in engineering projects**  
Gronbaek, Kaj; Kyng, Morten; Mogensen, Preben  
Communications of the ACM v36n6 PP: 67-77 Jun 1993  
ISSN: 0001-0782 JRNL CODE: ACM  
WORD COUNT: 6809

...TEXT: of the hypermedia. The secretaries currently responsible for registering correspondence become responsible for entering letters, faxes , change requests , and nonconformance reports into the hypermedia network . As a supplement and partly a substitute for registering keywords, they establish initial sets of...

13/3,K/21 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2007 The Gale Group. All rts. reserv.

03487910 Supplier Number: 124187906 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Xerox's Foundation Built on New Media; Visit to Mediaedge:cia Sparked Commitment to Emerging Outlets.**

**(Media & Technology)**

TelevisionWeek, v 23, n 44, p 54

November 01, 2004

DOCUMENT TYPE: Journal ISSN: 0745-0311 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 863

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...content, said Bill Jennings, VP of interactive and enhanced TV sales at A&E Television Networks , which includes the History Channel on- demand service .

Xerox declined to disclose its VOD expenditures. VOD ads are generally being bought on the expected number of impressions...

**13/3,K/22 (Item 2 from file: 9)**

DIALOG(R)File 9:Business & Industry(R)

(c) 2007 The Gale Group. All rts. reserv.

01611521 Supplier Number: 24333756

**CellNet Tests Meter Reader**

**(CellNet Data Systems and Xerox are testing the CellNet Commercial Data Service which lets selected Xerox equipment communicate over CellNet networks )**

Wireless Week, p 26

July 27, 1998

DOCUMENT TYPE: Journal ISSN: 1085-0473 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 82

**(CellNet Data Systems and Xerox are testing the CellNet Commercial Data Service which lets selected Xerox equipment communicate over CellNet networks )**

**13/3,K/23 (Item 1 from file: 610)**

DIALOG(R)File 610:Business Wire

(c) 2007 Business Wire. All rts. reserv.

00019755 1999082B1048 (USE FORMAT 7 FOR FULLTEXT)

**Comverse Network Systems Selected By B-Band Operators In Brazil, BCP And BSE, To Provide Enhanced Services Platforms For Deployment In Their New Digital Wireless Networks**

Business Wire

Tuesday, March 23, 1999 08:15 EST

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 624

...call answering, unified messaging (voice, fax, and e-mail in a single mailbox), short text message service , fax -on- demand , audiotex, interactive voice response, virtual phone/fax, and next-generation



Advanced Intelligent **Network** -based personal communications services such as pre-paid services, call screening/caller introduction, and mobile...

**13/3,K/24 (Item 1 from file: 810)**  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0982410 BW0041

**COMVERSE NETWORK SYSTEMS: Comverse Network Systems Division To Provide Orange With "Every Phone" Service For Orange's GSM "Wirefree" Subscribers**

February 22, 1999

Byline: Business Editors

...call answering, unified messaging (voice, fax, and e-mail in a single mailbox), short text **message service** , **fax -on- demand** , audiotex, interactive voice response, virtual phone/fax, and next-generation Advanced Intelligent **Network** -based personal communications services such as pre-paid services, call screening/caller introduction, and mobile...

**13/3,K/25 (Item 2 from file: 810)**  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0975550 BW0064

**NY COMVERSE NETWORK SYSTEMS: Comverse Network Systems Expands Its Intelligent Short Message Service Center's Support For All Types Of Digital Wireless Networks**

February 08, 1999

Byline: Business Editors

...call answering, unified messaging (voice, fax, and e-mail in a single mailbox), short text **message service** , **fax -on- demand** , audiotex, virtual phone/ **fax** , and next-generation Advanced Intelligent **Network** -based personal communications services such as prepaid services, call screening/caller introduction, and mobile attendant...

**13/3,K/26 (Item 3 from file: 810)**  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0927855 BW1087

**COMVERSE: Comverse Technology's Network Systems Division Selected by CTI  
Movil of Argentina to Supply Enhanced Services Platforms for Voice  
Messaging for CTI's Nationwide Digital Wireless Network**

October 26, 1998

Byline: Business Editors

...to business and residential users. These services include call answering, voice/fax mail, short text **message service**, **fax-on-demand**, audiotex, interactive voice response, virtual phone/fax and next-generation Advanced Intelligent **Network**-based personal communications services such as pre-paid services, call screening/caller introduction and mobile...

**13/3,K/27 (Item 4 from file: 810)**  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0914790 BW1116

**TELECORP PCS: TeleCorp PCS, Inc. Selects Comverse for Voicemail Platform;  
AT&T Affiliate Purchases TRILOGUE INfinity Product**

September 30, 1998

Byline: Business Editors/High Tech Writers

...to business and residential users. These services include call answering, voice/fax mail, short text **message service**, **fax-on-demand**, audiotex, interactive voice response, virtual phone/fax, and next-generation Advanced Intelligent **Network**-based personal communications services such as pre-paid services. Comverse Network Systems is the worldwide...

**13/3,K/28 (Item 5 from file: 810)**  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0911423 BW1139

**COMVERSE TECHNOLOGY: Comverse Technology's Network Systems Division  
Participating In Inter-System Messaging Technology Trials In Europe  
Utilizing Voice Profile For Internet Mail Messaging Protocol**

September 23, 1998

Byline: Business/Technology Editors

...to business and residential users. These services include call answering, voice/fax mail, short text **message service**, **fax-on-demand**, audiotex, interactive voice response, virtual phone/fax, and next-generation Advanced Intelligent **Network**-based personal communications services such as pre-paid services, one-touch

call return, personal number...

**13/3,K/29 (Item 6 from file: 810)**  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0418908 BW0925

**TERRANO: Terrano Corp. announces System sale at Delta Regional Medical Center**

July 21, 1994

Byline: Business Editors & Medical Writers

...central  
Mississippi.

The sale also includes additional modules of Advanced Microbiology, Laboratory Management, Automated Remote Reporting ( FAX ), Remote User Network , Query /Quest, Transfusion Service Manager and a Hand Held Barcode Module. Multiple instrument interfaces will also be installed as...

**13/3,K/30 (Item 7 from file: 810)**  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0369602 BW691

**OCTEL COMMUNICATIONS 2: Octel demonstrates visual voice and fax messaging capabilities for Windows users; voice processing leader a Microsoft At Work partner**

November 15, 1993

Byline: Business Editors/Computer Writers

...manage services offered on the Octel servers. Key applications will include interactive voice response (IVR), fax -on- demand , fax broadcast, enhanced system reporting , information services, network management and system management.

Through the enhanced capabilities offered by Microsoft At Work messaging protocol...

**13/3,K/32 (Item 1 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2007 The Gale Group. All rts. reserv.

11611807 Supplier Number: 124187906 (USE FORMAT 7 FOR FULLTEXT)  
**Xerox's Foundation Built on New Media; Visit to Mediaedge:cia Sparked Commitment to Emerging Outlets.(Media & Technology)**

TelevisionWeek, v23, n44, p54

Nov 1, 2004

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 957

... content, said Bill Jennings, VP of interactive and enhanced TV sales at A&E Television Networks , which includes the History Channel on-demand service .

Xerox declined to disclose its VOD expenditures. VOD ads are generally being bought on the expected number of impressions...

13/3,K/33 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2007 The Gale Group. All rts. reserv.

03494103 Supplier Number: 44887234 (USE FORMAT 7 FOR FULLTEXT)

Insurance Software Packages Inc.

Business Insurance, p25

August 1, 1994

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Tabloid; Trade

Word Count: 246

... Features: Utilization review, electronic filing, fee schedule validation of rules and values, medical bill history, **duplicate** checking, **inquiry** and **enhanced reporting** .

Multi-Star.

System specifications: IBM compatible PC, 4MB RAM, single user and LAN versions. Operates in DOS.

Customization optional.

First installation: 1985.

Total installations: 26, all in corporate...